

May 18, 1998

EPCRA Reporting Center C/O Computer Based Systems Inc. Suite 300 4600 North Fairfax Drive Arlington, VA 22203

To Whom It May Concern:

It has come to our attention through a thorough review of our chemical usage that there are two chemicals that should have been reported in our Toxic Release Inventory in previous years.

These two chemicals are Methanol CAS Number 67-56-1 and Phosphoric Acid CAS Number 7664-38-2. Form R reports for Methanol include the years 1989 and 1991 through 1996. In 1990 the threshold amount was not reached for Methanol. Form R reports for Phosphoric Acid include the years 1989 through 1996.

Enclosed you will find Form R reports for these two chemicals for the years indicated above. If you have any questions please call me at (330) 841-8200.

Sincerely,

Thomas O. Shepker

Manager

Environmental Control

TOS/ymt

Enclosure

Cc:

Ms. Cindy DeWulf

Ohio EPA

Division of Air Pollution Control

P.O. Box 1049

1800 WaterMark Drive

Columbus, Oh 43216

MAY 25 1998

Inited States vironmental Protection .jency

FORM R TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

	1 age 1 Or 5							
	TRI FACILITY ID NUMBER							
44481WRRNW1040P Toxic Chemical, Category, or Generic Name								
							Phosphoric Acid	

WHE	RE	TO S	SEN	D	
COM	PLE	TEC	FC	RM	S:

1 EPCRA Reporting Center P.O. Box 3348 Merrifield, VA 22116-3348 ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)

Enter "X" here if this is a revision

IMPORTANT: See instructions to determine when "Not Applicable (NA)" boxes should be checked. 13-96-105-39060-7

PART I. FACILITY IDENTIFICATION INF

CECTION 1	SECT	TION 2. TRADE SECRET IN	FORMATION	
SECTION 1.		Are you claiming the toxic chemica	al identified on page 3 trade secret?	
REPORTING YEAR	2.1	Yes (Answer question 2.2; Attach substantiation forms)	X No (Do not answer 2.2; Go to Section 3)	
19 <u>96</u>	2.2	If yes in 2.1, is this copy:	Sanitized Unsanitized	

19	96	2.2	If yes in 2.1, is this copy:	Sanitized Unsan	itized
SECTI	ON 3. CE	RTIFICAT	ION (Important: Read and	sign after completing all	form sections.)
ubmittو	ed informatio	n is true an	wed the attached documents and complete and that the amount vailable to the preparers of this re	s and values in this report are	ledge and belief, the e accurate based on
Name and	official title of owner	er/operator or ser	ior management official		
Th	nomas O. Sh	epker	Manager Environmental Co	ntrol	
Signature	1 Oso	nasl). Dup 6	Date Signed 05 15 6	98
SECT	ION 4. FAC	CILITY IDE	NTIFICATION		
	Facility or Estat	olishment Name		TRI Facility ID Number	
	WCI Stee	l, Inc.		44481WRRNW10	40P

	Facility or Establishment Name	TRI Facility ID Number		
	WCI Steel, Inc.	44481WRRNW1040P		
	Street Address			
	1040 Pine Avenue SE			
	City	County		
	Warren	Trumbull		
4.1	State	Zip Code		
	Ohio	44483-6528		
	Mailing Address (if different from street address)			
	City	MAY 2 6 1998 PUT LABEL HERE		
	Oily	1771 & V 850 PUT LABEL HERE		
	State Zip Code			

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SECTION 4.

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PART I. FACILITY IDENTIFICATION INFORMATION (CONTINUED)

FACILITY IDENTIFICATION (Continued)

1 ago 2 01 0						
TRI FACILITY ID NUMBER						
44481WRRNW1040P						
Toxic Chemical, Category, or Generic Name						
Phosphoric Acid						

4.2	, ,		formation for:	a. ☒ An er facil		b. 🔲 🏻	Part of a facility	A Federal facility
4.3	Technical C	ontact Na	lame Thomas Shepker			Telephone Number (include area code) 330-841-8200		
4.4	Public Cont	tact Na	me Fim Roberts				Telephone Number (include area code) 330-841-8205	
4.5	SIC Code (4-digit) a. 3312		b.	c. d.			e.	f
			Latitude				Longitude	
4.6	Latitude	Degrees	Minutes	Seconds	C	egrees)	Minutes	Seconds
4.0	and Longitude	041	13	30	08	30	48	. 55
4.7	4.7 Dun & Bradstreet Number(s) (9 digits) a. 188276935 b.							
4.8	EPA Identification Number(s) (RCRA I.D. No.) (12 characters) a. OHD060409521 b.							
4.9	Facility NPDES Permit Number(s) (9 characters) a. 0H0101079 b.							
4.10	Undergrou	ınd Injectio	on Weil Code (l		•	a. NA		
	Number(s) (12 digits)				b.			
SEC	TION 5. PARE	NT COMP	ANY INFORMA	ATION				
5.1	Name of Parent Company X NA							
	Percet Company's	Dun & Bradstreet	Number					

(9 digits)

x NA

5.2

SEPA

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PART II. CHEMICAL-SPECIFIC INFORMATION

TRI FACILITY ID NUMBER
44481WRRNW1040P
Toxic Chemical, Category, or Generic Name
Dhogabaria Asid

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you complete Section 2 below.)								
1.1	CAS Number (Important: Ent	er only one number exactly as it appears on the Section 313 lis	t. Enter category code if reporting a chemical category.)					
161	7664-38-2	7664-38-2						
1.2	Toxic Chemical or Chemical C	ategory Name (Important: Enter only one name exactly as it a	ppears on the Section 313 list.)					
1 04-	Phosphoric Acid							
1.3	Generic Chemical Name (Imp	ortant: Complete only if Part I, Section 2.1 is checked "yes."	Generic Name must be structurally descriptive.)					
1.0	NA							
SECT	ION 2. MIXTURE C		NOT complete this omplete Section 1 above.)					
2.1	Generic Chemical Name Provid	ded by Supplier (Important: Maximum of 70 characters, including	g numbers,letters, spaces, and punctuation.)					
4.1	NA .							
~			,					
SECT		AND USES OF THE TOXIC CHEMICA	AL AT THE FACILITY					
	(Important: C	heck all that apply.)						
3.1	Manufacture the toxic chemical:	a. Produce b. Import	If produce or import: c. For on-site use/processing d. For sale/distribution e. As a byproduct f. As an impurity					
3.2	Process the toxic chemical:	a. As a reactant b. X As a formulation component	c. As an article component d. Repackaging					
3.3	Otherwise use the toxic chemical:	a. As a chemical processing aid b. X As a manufacturing aid	d c. Ancillary or other use					
·								
SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR								
4.1	4.1 (Enter two-digit code from instruction package.)							



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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBE	R

44481WRRNW1040P

Toxic Chemical, Category, or Generic Name

Phosphoric Acid

SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE					
			A. Total Release (pounds/ year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1	Fugitive or non-point air emissions	XNA			
5.2	Stack or point air emissions	XNA			
5.3	Discharges to receiving streams or water bodies (enter one name per box)	•			
5.3.1	Stream or Water Body Nar	ne			
NA					
5.3.2	Stream or Water Body Nar	ne			
5.3.3	Stream or Water Body Nar	ne			
5.4	Underground injections on-site	X NA			
5.5	Releases to land on-site				
5.5.1	Landfill	X NA			
5.5.2	Land treatment/ application farming	X NA			
5.5.3	Surface impoundment	X NA			
5.5.4	Other disposal	X NA			
	Check here only if additiona	al Section	າ 5.3 information is provi	ided on page 5	of this form.

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TRI FACILITY ID NUMBER	
44481WRRNW	1040P
Toxic Chemical, Category, i	or Generic Name
Phosphoric	Acid

SECTIO	N 5.3 ADDITIONAL INFORMATIO ENVIRONMENT ON-SITE	N ON RELEASES OF THE	TOXIC CHEM	ICAL TO THE
5.3	Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pounds/ year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3	Stream or Water Body Name			
NA	· · · · · · · · · · · · · · · · · · ·			
5.3	Stream or Water Body Name			
5.3	Stream or Water Body Name			

SECTION 6. TRANSFERS	OF THE TOXIC CHEM	ICAL IN WASTES TO OFF-	SITE LOCATIONS
6.1 DISCHAR	GES TO PUBLICLY OW	NED TREATMENT WORKS	(POTW)
6.1.A Total Quantity Tran	sferred to POTWs and	Basis of Estimate	
6.1.A.1 Total Transfers (pounds (enter range code or es		6.1.A.2 Basis of Estimate (enter code)	
NA			
6.1.B POTW Name and L	ocation Information		
6.1.B POTW Name		6.1.BPOTW Name	
Street Address		Street Address	
City	County	City	County
State	Zip Code	State	Zip Code
	<u> </u>		

		rt II, Sections 5.3 and/or 6.1 are attached, indicate the total num		
pages in this box	1.	and indicate which Part II, Sections 5.3/6.1 page this is, here.	1	
		(example: 1, 2, 3, etc.)		

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TRI FACILITY ID NUMBER
44481WRRNW1040P
Toxic Chemical, Category, or Generic Name
Phosphoric Acid

SECTION 6.2 TRANSFERS TO		SITE LOCATIONS	
6.2. Off-site EPA Identification Number (RCRA I	D No.)		
Off-Site Location Name			
NA Street Address			
Street Address			÷
City		Cou	nty
State Zip Code		Is location under control of facility or parent company?	
A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	-	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.		1. M
2.	2.	· · · · · · · · · · · · · · · · · · ·	2. M
3.	3.		3. M
	4.		4. M
SECTION 6.2 TRANSFERS TO	OTHER OFF-	SITE LOCATIONS	
6.2. Off-site EPA Identification Number (RCRA	ID No.)		
Off-Site Location Name			
Street Address			
City		Cou	inty
State Zip Code		Is location under control of facility or parent company	
A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)		C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.		1. M
2.	2.		2. M
3.	3.		3. M
I	4.		4. M
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T	RI FACILITY ID NUMBER	
	44481WRRNW1040P	
Ϋ́	oxic Chemical, Category, or Generic Name	
	Phosphoric Acid	

SECTION	7A. ON-S	TE WASTE T	REATMENT METH	HODS AND EFFICI	ENCY	· · ·
☐ No	ot Applicab	le (NA) - Che was	eck here if <u>no</u> on-s te stream contair	site waste treatme ning the toxic cher	nt is applied mical or che	l to any mical category.
a. General Waste Stream (enter code)		b. Waste Treatment [enter 3-characte	Method(s) Sequence code(s)]	c. Range of Influent Concentration	d . Waste Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b	1 C11	2 NA	7A.1c	7A.1d	7A.1e
W	6	7	5 8	4	100 %	Yes No
7A.2a	7A.2b	1	2	7A.2c	7A.2d	7A.2e
à,	3	7	5 8		%	Yes No
7A.3a	7A.3b	1	2	7A.3c	7A.3d	7A.3e
	3 6	7	5 8		%	Yes No
7A.4a	7A.4b	1	2	7A.4c	.7A.4d	7A.4e
	3 6	4 7	5 8		%	Yes No
7A.5a	7A.5b	1	2	7A.5c	7A.5d	7A.5e
	3	7	5 8		%	Yes No
If additio				e the total number		this

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

44481WRRNW1040P

Toxic Chemical, Category, or Generic Name

Phosphoric Acid

10000000000000000000000000000000000000	
SECTION 7B. ON-SITE ENE	ERGY RECOVERY PROCESSES
X Not Applicable (NA) -	Check here if <u>no</u> on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.
Energy Recovery Methods [enter 3-characte	r code(s)]
1.	2 3 4
SECTION 7C. ON-SITE RE	CYCLING PROCESSES
X Not Applicable (NA) -	Check here if <u>no</u> on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.
Recycling Methods [enter 3-character code	(s)]
1 2	3 4 5 8 9 10



EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

44481WRRNW1040P

Chemical, Category, or Generic Name

Phosphoric Acid

All quantity estimates can be reported using up to two significant figures.		Column A Prior Year (pounds/year)	Prior Year Reporting Year		Column D Second ar Following Year (pounds/year)
8.1	Quantity released *	0	0	0	0
8.2	Quantity used for energy recovery on-site	0	0	. 0	0
8.3	Quantity used for energy recovery off-site	0	0	0	0
8.4	Quantity recycled on-site	0_	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site	700	960	1000	1000
	Quantity treated off-site	0	0	0	., 0
8.8	Quantity released to the environmental actions, catastrople not associated with product	nic events, or c	ne-time events	0	
8.9	Production ratio or activity	index		1.21	
8.10	Did your facility engage the reporting year? If no	in any source ot, enter "NA" i	reduction activiti n Section 8.10.1	es for this ch and answer S	emical during Section 8.11.
	Source Reduction Activities [enter code(s)]	 N	lethods to Identify A	ctivity (enter co	odes)
8.10.1	1 NA	a.	b.) ,
8.10.2		а.	b.		3.
8.10.3		a.	b.		· .
8.10.3	" 				

^{*} Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

CERTIFIED

Z 150 214 694

MAIL



MAY 26 1998

First Class Mail

FIRST CLASS MAIL

WCISTEEL

FROM

C/o Computer Based Systems Inc.
Suite 300
4600 North Fairfax Drive
Arlington, VA 22203

WCI Steel, Incorporated 1040 Pine Avenue, SE Warren, OH 44483-6528



May 18, 1998

EPCRA Reporting Center C/O Computer Based Systems Inc. Suite 300 4600 North Fairfax Drive Arlington, VA 22203

To Whom It May Concern:

It has come to our attention through a thorough review of our chemical usage that there are two chemicals that should have been reported in our Toxic Release Inventory in previous years.

These two chemicals are Methanol CAS Number 67-56-1 and Phosphoric Acid CAS Number 7664-38-2. Form R reports for Methanol include the years 1989 and 1991 through 1996. In 1990 the threshold amount was not reached for Methanol. Form R reports for Phosphoric Acid include the years 1989 through 1996.

Enclosed you will find Form R reports for these two chemicals for the years indicated above. If you have any questions please call me at (330) 841-8200.

Sincerely,

Thomas O. Shepker

Manager

Environmental Control

TOS/ymt

Enclosure

Cc:

Ms. Cindy DeWulf

Ohio EPA

Division of Air Pollution Control

P.O. Box 1049

1800 WaterMark Drive

Columbus, Oh 43216

MAY 2 6 1998

Form Approved OMB Number, 2070-0093 :pires: 11/92

Page 1 of 9

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

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Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

TRI FACILITY ID NUMBER 44481WRRNW1040P Toxic Chemical, Category, or Generic Name Phosphoric Acid

WHERE	TO	SE	ND	
COMPLE	ETE	DF	OR	MS:

1. EPCRA Reporting Center P.O. Box 3348 Merrifield, VA 22116-3348 ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)

Enter "X" here if this is a revision

IMPORTANT: See instructions to determine when "Not Applicable (NA)" boxes should be checked. 13-95-095-37495-5



PART I. FACILITY IDENTIFICATION INF TRADE SECRET INFORMATION SECTION 2. SECTION 1. Are you claiming the toxic chemical identified on page 3 trade secret? REPORTING 2.1 No (Do not answer 2.2; Yes (Answer question 2.2; Attach substantiation forms) Go to Section 3) YEAR **19** 95 Sanitized Unsanitized If yes in 2.1, is this copy: 2.2 CERTIFICATION (Important: Read and sign after completing all form sections.) SECTION 3. hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the ubmitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report. Name and official title of owner/operator or senior management official Thomas O. Shepker Manager Environmental Control Signature Date Signed SECTION 4. FACILITY IDENTIFICATION Facility or Establishment Name TRI Facility ID Number WCI Steel, Inc. 44481WRRNW1040P Street Address 1040 Pine Avenue SE County City Warren Trumbull 4.1 Zip Code State Ohio 44483-6528 Mailing Address (if different from street address) MAY 26 1998 City **PUT LABEL HERE**

State

Zip Code

SEPA

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Environmental Protection
Agency

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PART I. FACILITY IDENTIFICATION INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
44481WRRNW1040P
Toxic Chemical, Category, or Generic Name
Phosphoric Acid

4.2	This report contains information for: (Important: check a or b; check c if applicable)				a. ☑ An entire b. ☐ Part of a c. ☐ An entire			☐ A Federa facility		
4.3	Technical C	ontact	Name	.			Telephone Number			
			Tho Name	mas Shepker				330-841-8 Telephone Number		
4.4	Public Cont	act] Roberts				330-841-8	·	
4.5	SIC Code (4-digit) 3312			b.	c.	d.		e.	f.	
		ц.	" ···	Latitude		1		Longitude		
4.6	Latitude and Longitude	Degre	es	Minutes	Seconds	С	egrees)	Minutes	Seconds	
		041		13	30	080		48 ,	55	
4.7	Dun & Brad	istreet	Numb	er(s) (9 dig	jits)			88276935		
4.8	EPA Identi	EPA Identification Number(s) (RCRA I.D. No.) (12 characters) b.						0060409521		
4.9	(9 characters)					а. оно1	01079			
4.10	Underground Injection Well Code (UIC) I. Number(s) (12 digit						a. NA			

	SECT	ION 5. PARE	NT COMPANY I	INFORMATION
-		Name of Parent Comp	pany	
l	5.1	X NA		
:		Parent Company's Du	un & Bradstreet Number	
	5.2	X NA	(9 digits)	

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United States Environmental Protection Agency

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PART II. CHEMICAL-SPECIFIC INFORMATION

	TRI FACILITY ID NUMBER
	44481WRRNW1040P
	Toxic Chemical, Category, or Generic Name
ĺ	Phosphoric Acid

				, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
SECT	TON 1. TOXIC CHE	5	Important: DO No section if you corr	plete Section 2 below.)
1.1	CAS Number (Important: En	er only one number exactly as it appears	s on the Section 313 list.	Enter category code if reporting a chemical category.)
	7664-38-2			-
1.2	Toxic Chemical or Chemical C	Category Name (Important: Enter only or	ne name exactly as it app	ears on the Section 313 list.)
'	Phosphoric Acid			
1.3	Generic Chemical Name (Imp	ortant: Complete only if Part I, Section	2.1 is checked "yes." Ge	neric Name must be structurally descriptive.)
1.3	NA			
SECT	ION 2. MIXTURE C	OMPONENT IDENTITY	(Important: DO N section if you con	IOT complete this mplete Section 1 above.)
2.1	Generic Chemical Name Provide	ded by Supplier (Important: Maximum of I	70 characters, including n	sumbers,letters, spaces, and punctuation.)
	NA _	•		
CEAT	10110 1071117170			
SECI	ION 3. ACTIVITIES	AND USES OF THE TO heck all that apply.)	XIC CHEMICAL	AT THE FACILITY
		a. Produce		If produce or import:
3.1	Manufacture			c. For on-site use/processing
3.1	the toxic	b. Import		d. For sale/distribution
	chemical:			e. As a byproduct
				f. As an impurity
	Process			
3.2	the toxic	a. As a reactant		c. As an article component
	chemical:	b. X As a formulation	on component	d. Repackaging
	ON			
3.3	Otherwise use the toxic	a. As a chemical	processing aid	c. Ancillary or other use
	chemical:	b. X As a manufact	uring aid	
ECT	ION 4. MAXIMILIM	AMOUNT OF THE TOXIC	CHEMICAL O	NCITE AT ANY TIME
		E CALENDAR YEAR	, CHEWICAL O	N-SITE AT ANY TRIVIE
4.1	04 (Enter t	wo-digit code from instruc	tion package.)	
			. 5 1/	

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

44481WRRNW1040P

Toxic Chemical, Category, or Generic Name

Phosphoric Acid

		A. Total Release (pounds/ year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1	Fugitive or non-point air			
5.2	Stack or point air emissions			
5.3	Discharges to receiving streams or water bodies (enter one name per box)			
5.3.1	Stream or Water Body Name			
NA	·			
5.3.2	Stream or Water Body Name			
5.3.3	Stream or Water Body Name			į
5.4	Underground injections on-site			
5.5	Releases to land on-site			
5.5.1	Landfill			
5.5.2	Land treatment/ application farming			
5.5.3	Surface impoundment X NA			
5.5.4	Other disposal X NA			



SECTION 5.3

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

ADDITIONAL INFORMATION ON RELEASES OF THE TOXIC CHEMICAL TO THE

rage 5 01 9
TRI FACILITY ID NUMBER
44481WRRNW1040P
Toxic Chemical, Category, or Generic Name
Phosphoric Acid

	ENVIRONMENT ON-S			
5.3	Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pound year) (enter range code instructions or estimate)	from Estimate	*
5.3	Stream or Water Body Nar	ne		
NA				
5.3	Stream or Water Body Nar	ne		
				·
5.3	Stream or Water Body Nar	ne		
CECTIO	N 6. TRANSFERS OF THE TO	OVIC CHERRICAL IN WASTE	ES TO DEE-SITE	LOCATIONS
SECTIO	N G. THANSFERS OF THE TO	DAIC CHEWICAL IN WAST	23 10 OFF-3/1E	LOCATIONS
	6.1 DISCHARGES TO PU	BLICLY OWNED TREATME	NT WORKS (PO	TW)
6.1.A To	otal Quantity Transferred to F	OTWs and Basis of Estimate	ate	
6.1.A.1 To	otal Transfers (pounds/year)	6.1.A.2 Basis of I	Estimate	
6.1.A.1 To			Estimate	
6.1.A.1 To	otal Transfers (pounds/year)	6.1.A.2 Basis of I	Estimate	
6.1.A.1 To (e	otal Transfers (pounds/year)	6.1.A.2 Basis of I (enter co	Estimate	
6.1.A.1 To (e	otal Transfers (pounds/year) enter range code or estimate)	6.1.A.2 Basis of I (enter co	Estimate	
6.1.A.1 To (e	otal Transfers (pounds/year) enter range code or estimate) OTW Name and Location Info	6.1.A.2 Basis of I (enter co	Estimate de)	
6.1.A.1 To (e	otal Transfers (pounds/year) enter range code or estimate) OTW Name and Location Info	6.1.A.2 Basis of I (enter co	Estimate de)	
6.1.A.1 To (e	otal Transfers (pounds/year) enter range code or estimate) OTW Name and Location Info	6.1.A.2 Basis of I (enter co	Estimate de)	
6.1.A.1 To (e	otal Transfers (pounds/year) enter range code or estimate) OTW Name and Location Info	6.1.A.2 Basis of I (enter co	Estimate de)	
6.1.A.1 To (e	otal Transfers (pounds/year) enter range code or estimate) OTW Name and Location Info POTW Name	6.1.A.2 Basis of I (enter co	Estimate ode) / Name	

(example: 1, 2, 3, etc.)

EPA FORM R

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PART II. CHEMICAL-SPECIFIC **INFORMATION (CONTINUED)**

· -3
TRI FACILITY ID NUMBER
44481WRRNW1040P
Toxic Chemical, Category, or Generic Name
Phosphoric Acid

(example: 1, 2, 3, etc.)

	ACT ACCURATE AND ADDRESS OF THE PARTY OF THE	- 1000 to 1000			
SECTION 6.2 TRANSFER	S TO OTHER OFF	-SITE LOCATIONS			
6.2. Off-site EPA Identification Number	r (RCRA ID No.)	·			
Off-Site Location Name NA	·				
Street Address					
City		Co	ounty		
State Zip Code		Is location under control		Yes	No
		facility or parent compan	y?		140
A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code))	C. Type of Waste Recycling/Energ	reatment/Dispos y Recovery (ente	sal/ er code)
1.	1.		1. M	· · · · · · · · · · · · · · · · · · ·	**
2.	2.		2. M		·
3.	3.		3. M		
	4.		4. M	•	
SECTION 6.2 TRANSFER 6.2. Off-site EPA Identification Number	RS TO OTHER OFF	-SITE LOCATIONS			
Off-Site Location Name				· · · · · · · · · · · · · · · · · · ·	
Street Address				1. / to to to to .	· · · · · · · · · · · · · · · · · · ·
City		C	county		
State Zip Code		Is location under control facility or parent compar		Yes	No
A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimat (enter code)	е	C. Type of Waste Recycling/Energ	Freatment/Dispo by Recovery (ent	sal/ er code)
1.	1.		1. M		
2.	2.	and the second s	2. M	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	
3.	3.	• .	3. M		
•	4.		4. M		
If additional pages of Par	t II, Section 6.2 are	attached, indicate	the total number	er of page	s in this

box

EPA FORM R

nited States vironmental Protection agency

· -3 -	
TRI FACILITY IO NUMBER	
44481WRRNW1040P	
Toxic Chemical, Category, or Generic Nam	
Phoenboric Acid	

SECTION	7A. ON-SITE	WASTE TREA	TMENT METHOD	S AND EFFICI	ENCY	
N	ot Applicable (NA) - Check h waste st	ere if <u>no</u> on-site v tream containing	waste treatme the toxic cher	nt is applied nical or che	l to any mical category.
a. General Waste Stream (enter code)		Waste Treatment Method [enter 3-character code(s		c. Range of Influent Concentration	d . Waste Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b	1 C11	2 NA	7A.1c	7A.1d	7A.1e
W	6	7 .	8 8	. 4	100 %	Yes No
7A.2a	7A.2b	1	2	7A.2c	7 A. 2d	7A.2e
'JA	6	7	8 8		%	Yes No
7A.3a	7A.3b	1	2	7A.3c	7A.3d	7.A.3e
	3 6	7	8 8		%	Yes No
7A.4a	7A.4b	1	2	7A.4c	.7A.4d	7A.4e
	3 6	7	8		%	Yes No
7A.5a	7A.5b	1	2	7A.5c	7A.5d	7A.5e
	3 6	7	8		%	Yes No
			ched, indicate the			this

EPA FORM R

'ed States ronmental Protection

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

44481WRRNW1040P

Toxic Chemical, Category, or Generic Name

Phosphoric Acid

SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES
Not Applicable (NA) - Check here if <u>no</u> on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.
Energy Recovery Methods [enter 3-character code(s)]
1 2 3 4
SECTION 7C. ON-SITE RECYCLING PROCESSES
Not Applicable (NA) - Check here if <u>no</u> on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.
Recycling Methods [enter 3-character code(s)]
1 2 3 4 5 6 7 8 9 10

United States Environmental Protection incy

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

44481WRRNW1040P

Chemical, Category, or Generic Name

Phosphoric Acid

	ntity estimates can be reported p to two significant figures.	Column A Prior Year (pounds/year)	Column B Current Reporting Year (pounds/year)	Column C Following Year (pounds/year)	Column D Second Following Year (pounds/year)
8.1	Quantity released *	0	0	0	0
R 7	Quantity used for energy recovery on-site	0	0	0	0
00	Quantity used for energy recovery off-site	0	0	0	0
8.4	Quantity recycled on-site	0	0	0	0
B.5	Quantity recycled off-site	0	0	0	0
B.6	Quantity treated on-site	640	700	700	700
					· ·
	Quantity treated off-site Quantity released to the env	orironment as a	result of	0	0
8.8		ironment as a nic events, or o ion processes	result of one-time events	0 0	0
8.8	Quantity released to the envi remedial actions, catastroph not associated with product	ironment as a nic events, or of ion processes index	result of one-time events (pounds/year)	.85	nical during
8.8	Quantity released to the environmental actions, catastrophenot associated with product Production ratio or activity Did your facility engage	ironment as a nic events, or o ion processes index in any source ot, enter "NA" i	result of one-time events (pounds/year)	.85 es for this cher	nical during ction 8.11.
8.8 1 8.9 3.10	Quantity released to the environmental actions, catastrophot associated with product Production ratio or activity Did your facility engage the reporting year? If no source Reduction Activities	ironment as a nic events, or o ion processes index in any source ot, enter "NA" i	result of one-time events (pounds/year) reduction activitin Section 8.10.1	.85 es for this cher	nical during ction 8.11.
8.9 3.10 8.10.1	Quantity released to the environmental actions, catastrophot associated with product Production ratio or activity Did your facility engage the reporting year? If no Source Reduction Activities [enter code(s)]	rironment as a nic events, or o ion processes index in any source ot, enter "NA" i	result of one-time events (pounds/year) reduction activitin Section 8.10.1	.85 es for this cherand answer Se	nical during ction 8.11.
8.8 r 8.9	Quantity released to the environmental actions, catastrophot associated with product Production ratio or activity Did your facility engage the reporting year? If no Source Reduction Activities [enter code(s)]	rironment as a nic events, or o ion processes index in any source ot, enter "NA" i	result of one-time events (pounds/year) reduction activitin Section 8.10.1	es for this cher and answer Se activity (enter code	nical during ction 8.11.

CERTIFIED

Z 150 214 694

MAIL



MAY 26 1998

First Class Mail

FIRST CLASS MAIL



"POST MARK DATE UNSCANNABLE. VERIFIED AS <u>MAY - 21'98</u>"

FROM

TO EPCRA Reporting Center c/o Computer Based Systems Inc. Suite 300 4600 North Fairfax Drive Arlington, VA 22203

WCI Steel, Incorporated 1040 Pine Avenue, SE Warren, OH 44483-6528



EPCRA Reporting Center P.O. Box 3348 Merrifield, VA 22116 - 3348

Attn: Toxic Chemical Release Inventory Magnetic Media Submission WCI STEEL, INC. 1040 PINE AVENUE SE WARREN OH 444836528

TRI Fac. ID: 44481WRRNW1040P

06/04/1998

To Whom It May Concern:

Enclosed please find one (1) microcomputer diskette containing toxic chemical release reporting information for:

WCI STEEL, INC.

This information is submitted as required under section 313, Title III of the Superfund Amendments and Reauthorization Act 0f 1986 and the Pollution Prevention Act of 1990.

We are submitting a total of 11 Chemical Report(s) for our facility. These 11 chemical report(s) are described below:

Chemical Name	Report Year	CAS Number	Report Type
AMMONIA	1997	007664417	5-page Form R
ANTIMONY COMPOUNDS	1997	N010	5-page Form R
CHROMIUM COMPOUNDS	1997	N090	5-page Form R
HYDROCHLORIC ACID (1995 AN	1997	007647010	5-page Form R
LEAD COMPOUNDS	1997	N420	5-page Form R

* Continued on next page

Our technical point of contact is:

THOMAS SHEPKER

Phone Number: (330) 841 - 8200

and is available should any questions or problems arise in your processing of these diskettes.

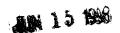
I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Sincerely

THOMAS O. SHEPKER

MANAGER ENVIRONMENTAL CONTROL

WCI Steel, Inc. 1040 Pine Avenue, SE Warren, OH 44483-6528 (330) 841-8000



Continued from Page 1

Chemical Name	Report Year	CAS Number	Report Status
MANGANESE COMPOUNDS	1997	N450	5-page Form R
METHANOL	1997	000067561	5-page Form R
NICKEL COMPOUNDS	1997	N495	5-page Form R
PHOSPHORIC ACID	1997	007664382	5-page Form R
SODIUM NITRITE	1997	007632000	5-page Form R
ZINC COMPOUNDS	1997	N982	5-page Form R

Page 1 of 5

Approval Expires: 04/2000

FORM R

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

United States

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, Environmental Protection also known as Title III of the Superfund Amendments and Reauthorization Act

10	энсу																
WHE	RE TO SEND COM	PLETED FORM	1S: 1.	P.O Box	3348		APPROPRIATE STATE OFFICE (See instructions in Appendix F)							"X" her evision	e if this		
						22116-3348 CHEMICAL	RELEA	SE IN	VENTORY			Fo	r EPA	use on	y		
imp	ortant: See ir	nstructions	s to c	letermi	ne w	/hen "No	t App	olica	ble (NA)'	' boxe	s sho	ould	be d	heck	æd.		
		F	'AR1	ΓI. FA	CILI	TY IDEI	VTIFI	CAT	ION INF	ORM	ATIO	N					
SEC	TION 1. REPC	ORTING YEA	AR 19	997			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	3-97-	(10-	621	666	-7	-0 f1			, and the same of
SEC	TION 2. TRAD	E SECRET	INFC	RMATI	ON												
Are you claiming the toxic chemical identified on page 3 trade secre 2.1 Yes (Answer question 2.2; Attach substantiation forms) X No (Do not answer Go to Section)								2.2	is this cop	•	Ш	Sanitiz 1)	ed		Uns	sanitized	
SEC	TION 3. CERT	IFICATION	(lm	portant	Rea	ad and si	gn aft	erco	mpleting	all for	m sec	tion	s.)				
inform	by certify that I have nation is true and cor data available to the	mplete and that	the am	ounts and													
Name	and official title of o	wner/operator o	r senio	r managen	nent of	ficial;				Signatur	e:					Date Si	gned:
THOMA	AS O, SHEPKER			MANAGE	r envir	ONMENTAL CO	ONTROL		***							06/10/19	98
SEC	TION 4. FACII	LITY IDENT	IFICA	TION													
4.1							TRI Fa	cility I	D Number	44481-WI	RNW-1	040P					
	y or Establishment Na FEEL, INC.	me					Facility	or Esta	ıblishment Naı	ne or Mail	ing Addr	ess(if d	lifferen	t from st	reet add	dress)	
Street							Mailing	Addres	ss							****	
1040 P	INÉ AVENUE SE																
City/C	ounty/State/Zip Code EN	TRUMBULL			0	H 44483-6528	City/County/State/Zip Code -										
4.2	This report contain (Important : check			icable)		a. X	An entire Part of a A Federal facility c. facility										
4.3	Technical Contact	t Name	THO	MAS SHEF	PKER		****					Teleph (330) 8			nclude	area code)
4.4	Public Contact Na	ame	TIM	ROBERTS								Teleph (330) 8		<u>`</u>	nclude	area code	
4.5	SIC Code (s) (4 d	igits)	a.	3312		b.		c.		d.		ľ	e.			f.	
4.6	Latitude	Degrees		Minute	es	Secor			_ongitude		egrees			Minutes		Seco	nds
	Dun & Bradstreet	041	[EDA	13 identification	on Nun	30					080	<u> </u>		48		55	
4.7	Number(s) (9 digit	1 /1 X		RA I.D. No.			: ZE MII		/ NPDES Pe er(s) (9 chara		4.10					Vell Code 2 digits)	
	88276935 A		OHD06 NA	30409521				H0101	079			ĺΑ					
	TION 5. PARE	1		NFORM	ATIO	DN.	b. N	Α			b.				· · · · · · · · · · · · · · · · · · ·		
5.1	Name of Parent C		NA	X	7]												
~ 9	Parent Company's	s Dun & Bradstr	eet Nui	mber		NA X				-							
			-														

EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION

TRI Facility ID Number
44481-WRRNW-1040P
Toxic Chemical, Category or Generic Name
HYDROCHLORIC ACID (1995 AND AFTER "ACID AEROSOLS" ONLY)

SECT	TION 1. TOXIC CHEMICAL IDEN	TITY	(Important: DO NOT compl	lete this section if you com	pleted Section 2 below.)					
11	1.1 CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)									
	007647010 Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)									
1.2	HYDROCHLORIC ACID (1995 AND AFT			313 list.)	4					
1.3	Generic Chemical Name (Important: Complete	only	,	eric Name must be structurally desc	riptive)					
	NA									
SECT	TION 2. MIXTURE COMPONEN				pleted Section 1 above.)					
2.1	Generic Chemical Name Provided by Supplier (Importa	t: Maximu	m of 70 characters, including numbers, letters, s	paces, and punctuation.)						
	NA									
SECT	FION 3. ACTIVITIES AND USES (Important: Check all that app		HE TOXIC CHEMICAL AT TH	IE FACILITY						
3.1	Manufacture the toxic chemical	3.2	Process the toxic chemica	I: 3.3 Otherwise	use the toxic chemical:					
a.	X Produce b. Import									
	If produce or import:									
C.	X For on-site use/processing	a	-	·	mical processing aid					
d. e.	For sale/distribution As a byproduct	b		<u> </u>	ufacturing aid					
f.	As an impurity	d	· ·	c. Ancillary	or other use					
	FION 4. MAXIMUM AMOUNT O		,	AT ANY TIME DUDIN	O THE OAL ENDAD VEAD					
(-1/				AT ANY TIME DURIN	G THE CALENDAR YEAR					
4.1			n instruction package.)							
SECT	TION 5. QUANTITY OF THE TO	(IC CH	IEMICAL ENTERING EACH	ENVIRONMENTAL M	EDIUM ONSITE					
			A. Total Release (pounds/year) (Enter range code or estimate*)	B. Basis of estimate (enter code)	C. % From Stormwater					
5.1	Fugitive or non-point air emissions	Х	NA							
5.2	Stack or point air emissions		72200	М						
5.3	Discharges to receiving streams or water bodies (enter one name per box)									
	Stream or Water Body Name									
5.3.1	NA									
5.3.2				-						
5.3.3										
5.4.1	Underground Injection onsite to Class I Wells	Х	NA							
5.4.2	Underground injection onsite to Class II-V Wells	Х	NA .							
	ional pages of Part II, Section 5.3 are att licate the Part II, Section 5.3 page numb									

EPA FORM R PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number
44481-WRRNW-1040P
Toxic Chemical, Category, or Generic Name
HYDROCHLORIC ACID (1995 AND AFTER "ACID AEROSOLS

JECTIC	JN 5. QUA	UNITE Y	JE 145 10	JXIC	CHEIVII	CAL E	NIEKI	NG EACH	FMAII	RONMENTAL I	MEDIUM C	NSII	ದ(Continued)
				NA	A. Total	Release		s/year) (enter r estimate)	range	B. Basis of Estim (enter code)	nate		
5.5	Disposal to	land onsite											
5.5.1A	RCRA Subl	title C landf	ills	X	NA								
5.5.1B	Other landfi	lls		X	NA								
5.5.2	Land treatm farming	ient/applica	tion	Х	NA ·								
5.5.3	Surface Imp	ooundment		X	NA								
5.5.4	Other dispo	sal		X	NA								
SECTION	ON 6. TRA	NSFER	S OF THE	TOX	IC CHE	MICA	L IN WA	ASTES TO	OFF-	SITE LOCATIO	ONS		
6.1 DIS	CHARGE	S TO PL	BLICLY C	OWN	D TRE	ATME	NT WC	RKS (PO	TWs)				
6.1.A To	otal Quanti	ity Trans	ferred to Po	sWTC	and Ba	sis of	Estimat	е	,				
6.1.A.1.	Total Trar (enter rang		ounds/year) or estimate)				6.1	.A.2 Basis (enter		mate		A A Mary Secret	
	NA												
i.B. 1		POTW Nam	NA NA										
POTW A	Address												
City	•••					State		County				Zip	-
6.1.B. 2	2	POTW Nam	ie				······	•		· .			
POTW A	ddress										1,811,111,111,111		
City						State	-	County				Zip	
If additio	onal pages o	f Part II, Se	ection 6.1 are	attacl	ed, indic	ate the	total nun	nber of page	s				
în this b	ox 1 a	ınd indicat	te the Part II,	Section	n 6.1 pag	je numb	er in this	box	1 (e	example: 1,2,3, etc.)		
SECTI	ON 6.2 TR	RANSFE	RS TO OT	HER	OFF-S	TE LC	CATIC	NS					
6.2. <u>1</u>	Off-Site E	PA Identi	fication Nur	nber (RCRA I	D No.)		OHDS	8079338	34			
Off-Site t	Location Nam	e F	RESERVE EN	VIRON	MENTAL	SERVI	CES						-
Off-Site /	Address	4633 MIE	DLE RD. P.O	O. BO)	(1038								
Cíty	ASHTABULA	4			State	ОН	County	ASHTABU	LA			Zip	44004-
Is locatio	n under contr	ol of report	ng facility or p	arent o	company?					Yes		X	No

EPA FORM R

TRI Facility ID Number
44481-WRRNW-1040P
Toxic Chemical, Category or Generic Name
HYDROCHLORIC ACID (1995 AND AFTER "ACID AEROSOLS"

			ONLY)	95 AND AFTER "ACID AEROSOLS"
ECTION 6.2 TRANSFERS TO OTH	ER OFF-SITE LOCAT	IONS (Continued	1)	
A. Total Transfers (pounds/year)	B. Basis of Estimate		C. Type of Waste Treat	•
(enter range code* or estimate)	(enter code)		Recycling/Energy R	ecovery (enter code)
1. 37300	1. M	,	1. M61	
2.	2.		2.	
3.	3,		3.	
4.	4.		4.	
6.2 2 Off-Site EPA Identification Num	per (RCRA ID No.)	OHD980568992		
Off-Site location Name ENVIRITE OF OF	IIO, INC.			
Off-Site Address 2050 CENTRAL AVENUE	SE			
City CANTON	State	OH County STARK		Zip 44707-
Is location under control of reporting t	acility or parent compa	iny?	Yes	X No
A. Total Transfers (pounds/year) (enter range code* or estimate)	B. Basis of Es (enter code		C. Type of Waste Tre Recycling/Energy	atment/Disposal/ Recovery (enter code)
1. 530	1. M		1. M94	
2.	2.		2.	
3.	3.		3.	
4.	4.		4.	
SECTION 7A. ON-SITE WASTE TR	EATMENT METHODS	AND EFFICIENCY	· · · · · · · · · · · · · · · · · · ·	
Check here if	no on-site waste treatment is			
I I NOT ADDICADIE (NA) -	containing the toxic chemical			
a. General b. Waste Treatment M Waste Stream (enter code)	· · · · ·	c. Range of Influent Concentration	d. Waste Treatment Efficiency Estimate	e. Based on Operating Data ?
7A.1a 7A.1b 1	A03 2 NA	7A.1c	7A.1d	7A.1e
A 3 4 7	5	2	85 %	Yes No
7A.2a 7A.2b 1	8 A03 2 NA	70.20	70.02	
		7A.2c	7A.2d	7A.2e
A 3 4 7	5 8	2	95 %	Yes No
7A.3a 7A.3b 1	A03 2 NA	7A.3c	7A.3d	7A.3e
A 3 4	5			Yes No
6 7	8	2	95 %	X
7A.4a 7A.4b 1	A03 2 NA	7A.4c	7A.4d	7A.4e
A 3 4	5		05-1	Yes No
6 7	8	2	95 %	X
7A.5a 7A.5b 1	A03 2 NA	7A.5c	7A.5d	7A,5e
A 3 4 7	5 8	2	98 %	Yes No
additional pages of Part II, Section 6.2/7A are indicate the Part II, Section 6.2/7A page nu				

EPA FORM R

PARTII	CHEMICAL.	SPECIFIC	INFORMA	TION	CONT	NHEDI

 TRI Facility ID Number
44481-WRRNW-1040P
Toxic Chemical, Category or Generic Name
HYDROCHLORIC ACID (1995 AND AFTER "ACID AEROSOLS"

PART II C	HEMICAL-SI	PECIFIC	INFO	RMAT	ION (C	ON	TINUE	D)	-	Toxic Chemical, Categ HYDROCHLORIC ACID (199		
		·								ONLY)	W VIAN WEIEK "VI	ND AEROSOLS"
ECTION 6.	2 TRANSFERS	TO OT	HER OF	F-SITE	LOCATI	ONS	S (Con	tinue	<u>d)</u>			
A. Total Transfe (enter range o	ers (pounds/year code* or estimate)	")		sis of Est nter code)	imate		٠		1	Type of Waste Treati Recycling/Energy R	-	I/ ter code)
1.			1.						1.			
2.			2.						2.			
3.			3,						3.			
4.			4.	*****					4.			
6.2 <u>3</u> Off-S	Site EPA Identific	ation Nun	nber (RCF	RA ID No	o.)				<u>!</u>			
Off-Site location	Name		· ·					·				
Off-Site Address	5			MI B 100 AU 1100 AU 11								
City					State		County				Zip	-
ls location ur	nder control of	reporting	facility o	r paren	t compar	ny?				Yes		No
A. Total Tra (enter ra	ansfers (pounds, inge code* or estim				asis of Est enter code)	imate	e		(C. Type of Waste Trea Recycling/Energy	-	
1.			1.			****			1.			
2.			2.						2.			
3,			3.	****					3.			
4.			4.						4.	. : 1		
SECTION 7	A. ON-SITE W	ASTE TE	REATME	NT ME	THODS	ANE) EFFIC	HENC	Ý			
Not A	policable (IVA) -	Check here i vaste strean						dorv		***************************************		
a. General Waste Stream (enter code)	b. Waste	Treatment I 3-character	Vlethod(s)			$\overline{}$	Range o	finfluen	t (d. Waste Treatment Efficiency Estimate	e. Based on Operating	
7A.1a	7A.1b	1	C11	2	NA		7A.1	С		7A.1d	7A	.1e
W	6	4 7		5 8			2			100 %	Yes X	No
7A.2a	7A.2b	1		2		1	7A.2	c		7A.2d	7A	.2e
NA	3	4 7		5 8						0 %	Yes	No
7A.3a	7A.3b	1		2			7A,3	ir.		7A.3d	7,	\.3e
77.00	3	1 4		5			.,,,,			1 A.Vu	Yes	No
	6	7		8						%		
7A.4a	7A.4b	. 1		2			7A.4	lc		7A.4d	7.	A.4e
	3	4 7		5 8				ē		%	Yes	No
7A.5a	7A.5b	1		2			7A.5	ic		7A.5d	7,	 \.5e
	3] 4		5		-	7			: A.Vu	Yes	No
	6	7		8						%		
	es of Part II, Section Part II, Section 6.2									ox 2		

EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number

44481-WRRNW-1040P

Toxic Chemical, Category or Generic Name

HYDROCHLORIC ACID (1995 AND AFTER "ACID AEROSOLS" ONLY)

						ONLY)			
o≓CT	ION 7B. ON-SITE ENERGY R	ECOVERY PROC	ESS	SES						
X	X Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.									
E	nergy Recovery Methods [enter 3-characte	er code(s)]	_							
1 NA	2		3			4				
SECT	ION 7C. ON-SITE RECYCLING	PROCESSES								
	Not Applicable (NA) - Check here if r stream contai	no on-site recycling is a ning the toxic chemical		•						
R	ecycling Methods [enter 3-character code	(s)]		**************************************			******			
1. R	1. R40 2. 3. 4. 5.									
6.	7.	8.			9.				10.	
SECT	ION 8. SOURCE REDUCTION	AND RECYCLIN	IG A	CTIVITIE	3			•	11	
		Column A Prior Year (pounds/year)		Column B Current Reporting Year (pounds/year)		Column C Following Year (pounds/year)		r	Column D Second Following Year (pounds/year)	
8.1	Quantity released **	7930	00	72200		75000		000	75000	
8.2	Quantity used for energy recovery onsite	0			. 0	0		0	. 0	
	Quantity used for energy recovery offsite		0	0		0		0	0	
8.4	Quantity recycled onsite	1440000	00	10	0300000		120000	000	12000000	
8.5	Quantity recycled offsite		0		0			0	0	
8,6	Quantity treated onsite	75	750		810		8	300	800	
8.7	Quantity treated offsite	18100	00		37300		500	000	50000	
8,8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year) Quantity released to the environment as a result of remedial actions, 530									
8.9	Production ratio or activity index 0000.91									
8.10	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.									
	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)								
8.10.1	NA	a.	b.		c.		c.			
8.10.2		a.		b.		c.		c.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
8,10,3		a.		b.		c.		c.		
8.10.4		a.		b.				c.		
8.11	Is additional information on source reduc included with this report? (Check one b	ox)				-			YES NO X	
1 Report	releases pursuant to EPCRA Section 329(8) including	g "any spilling, leaking, pum	ping po	ouring, emitting, e	emptying, discharg	jing,			44,4,	

Z 150 214 730

MAIL



First Class Mail

FIRST CLASS MAIL

WCISTEEL

FDOM:

EPCRA Reporting Center c/o Computer Based Systems, Inc. Suite 300
4600 North Fairfax Drive Arlington, VA 22203

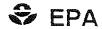
THE BENEFITZER FORMER

WGI Steel, incorporated 1040 Pine Avenue, SE

ENV-0005

Form Approved OMB Number: 2070-0093 Approval Expires: 04/2000

Page 1 of 9



FORM R TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

United States Environmental Protection Agency

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986. also known as Title III of the Superfund Amendments and Reauthonzation Act

TRI FACILITY ID NUMBER

44481WRRNW1040P

Toxic Chemical, Category or Generic Name HYDROCHLORIC ACID (1995 AND AFTER "ACID AFROSOLS" ONLY)

WHE	RE	ГО	SE	ND	
COM	PLE	TE	D F	ORN	/IS

1. EPCRA Reporting Center P.O Box 3348

Merrifield, VA 22116-3348

2. APPROPRIATE STATE OFFICE

(See instructions in Appendix F)

ATTN: TOXIC CHEMICAL RELEASE INVENTORY

Enter "X" here if this is a revision

Important:

See instructions to determine when "Not

Applicable (NA)" haves should be shocked

13-96-105-33957-4

			pplica	PART I.		IDENTIFICA		VFC	RM/				
REPOR	SECTION 1. REPORTING YEAR SECTION 2. TRADE SECRET INFORMATIO Are you claiming the toxic chemical identified Yes. (Answer question 2.2; Attach substantiation forms)								on page 3 trade secret? No (Do not answer				
							to Section Unsanit						
SECTION 3. CERTIFICATION (Important: Read and sign after completing a								leting a	II form sections				
hereby	certif	y th	at I have	reviewed the att	ached docum	nents and that, t	o the be	est o	f my knov	vledge and belief, the			
ibmitte _L using da		ailal	ole to the	preparers of thi	s reporeunts	and values in th	is repon	t are	accurate	based on reasonable			
Name ar	nd off	icial	title of ov	vner/operator or	r senior mana	agement official	1						
THOMA	S 0.	SHE	PKER			MANAGER	ENVIR	МИС	IENTAL C	CONTROL			
Signatu	re								· · ·	Date Signed			
				7						07-02-97			
SECT	ION	4.	FACILI	TY IDENTIFIC	CATION								
	Faci	lity o	r Establish	ment Name					TRI Facili	ity ID Number			
	wc.	STE	EL, INC.						44481W	RRNW1040P			
	Stre	et Ac	Idress										
:			IE AVENU	JE SE	·								
	City								unty				
		WARREN						TRUMBULL					
	State	B						Zip	Code				
4.1	ОН					<u> </u>		44483-6528					
	Maii	ng A	ddress (if	different from stre	eet address)								
	City	-1							•				
	City									PUT LABEL HERE			
	State	•]			Zip Code					DEC 0 9 1997			

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United States Environmental Protection Agency

EPA FORM R PART I. FACILITY IDENTIFICATION INFORMATION (CONTINUED)

Page 2 of 9
TRI FACILITY ID NUMBER
44481WRRNW1040P
Toxic Chemical, Category or Generic Name
HYDROCHLORIC ACID (1995 AND

SECT	TION 4. FACIL	TY IDEN	ITIFIC	CATION (cont	inued)						
4.2	This report co				a. X An entire	- 1	1	art of a	A Federal facility		
4.3	Technical C	ontact	Nam THO	e MAS SHEPKER			Telephone number (include area code) (330) 841-8200				
4.4	Public Cont	act	Nam JAC	K WALTER			Telephone number (include area code) (330) 841-8206				
4.5	SIC Code 3312 (4-digit) a. b. c. d.				e.	f.					
4.6	Latitude Latitude Degrees Minutes Seconds Degrees			Dec	Lo	ngitude Minutes	Seconds				
	and	041		13	30	080		48	55		
4.7	Longitude										
4.8	EPA Identifi	cation N	umbe	er(s) (RCRA I. (12 charac	•	77.77.3	a. OHE	0060409521			
4.9	Facility NPD			umber(s) aracters)			 	0101079			
				ell Code (UIC	•		a. NA				
4.10	Number(s) (12 digits) b.										
											
SEC.	TION 5. PARE	NT COM	1PAN	Y INFORMAT	ION						
5.1	Name of Parent C	Company									
5.2	Parent Company's X NA	Dun & Br	adstree	et Number							

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United States Environmental Protection Agency

EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION

	rage 5 01 9
TRI FACILITY ID NUMBER	
44481WRRNW1040P	
Toxic Chemical, Category or	Generic Name
HYDROCHLORIC ACID (1995 AND AFTER

SE	SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you complete Section 2 below.)									
1.1		nter only one number exactly as it appears on	the Section 313 list. Ent	er category cod	e if reporting a chemical category.)					
	007647010									
1.2		I Category Name (Important: Enter only one n		s on the Section	1 313 list.)					
	HYDROCHLORIC ACID (1995 AND AFTER "ACID AEROSOLS" ONLY)									
1.3	Generic Chemical Name (Important only ip if Part 1. Section 2.1 is checked "yes". Generic Name must be structurally descriptive)									
	NA									
	SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you complete Section 1 above.) 3.1 Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)									
2.1	NA	The state of the s	o ortal decretor, introducing the		spaces, and ponecuation.y					
SE	SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY (Important: Check all that apply.)									
3.1	Manufacture the toxic chemical:	a. X Produce b. Import		c. X d e f	For on-site use/processing For sale/distribution As a byproduct As an impurity					
3.2	Process the toxic chemical:	a. As a reactant b. As a formulation compo	onent	c d	As an article component Repackaging					
3.3	Otherwise use the toxic chemical:	a. As a chemical process b. X As a manufacturing ai	-	c	Ancillary or other use					
		and the state of t								
SE	1.111.1111.22	MUM AMOUNT OF THE TOXI NG THE CALENDAR YEAR	C CHEMICAL C	N-SITE A	FANY TIME					
4.1	06	(Enter two-digit code from instructi	on package.)							



United States Environmental Protection Agency

EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

	91-
TRI FACILITY ID NUMBER	
44481WRRNW1040P	
Toxic Chemical, Category or G	enenc Name
HYDROCHLORIC ACID (1	995 AND AFTEI

SEC	TION 5. RELEASES OF TH	E TOXIC	CHEMICAL TO THE EN	/IRONMENT ON-SIT	Special Control Contro
			A. Total Release (pounds/ year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1	Fugitive or non-point air emissions	X NA			
5.2	Stack or point air emissions	NA NA	79300	М	
5.3	Discharges to receiving streams or water bodies (enter one name per box)				
5.3.1	Stream or Water Body Name				
NA					
5.3.2	Stream or Water Body Name				
5.3.3	Stream or Water Body Name				
5.4.1	Underground injections on-site to	X NA			
5.4.2	Underground injections on-site to Class II-V Wells	X NA			
5.5	Disposal to land on-site	- <u>-</u>			
5.5.1A	RCRA Subtitle C landfills	X NA			
5.5.1B	Other landfills	X NA			
5.5.2	Land treatment/ application farming	X NA			
5.5.3	Surface impoundment	X NA			
5.5.4	Other disposal	X NA			
	Check here only if addit	ional Sec	ction 5.3 information is p	rovided on page 5 o	f this form.



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Agency

EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

44481WRRNW1040P

Toxic Chemical, Category or Generic Name

HYDROCHLORIC ACID (1995 AN

SECTION 5.3 AI	ODITIONAL INFOR	RMATION O	N RELEAS	SES OF THE	TOXIC CHEN	NCAL TO THE
Discharges to streams or wa (enter one name	ter bodies	: year) (er	elease (poun nter range code ons or estimate	e from	Basis of Estimate (enter code)	C. % From Stormwater
5.3.4 Stream or	Water Body Name	-		· · · · · · · · · · · · · · · · · · ·		
5.3.5 Stream or	Water Body Name	•				
5.3.6 Stream or	Water Body Name					
6.1.A Total Quar	ntity Transferred ters (pounds/year) (enter	to POTWs a	nd Basis o	of Estimate		W)
NA	-a	<u> </u>		inter oode:		***************************************
	and Location Inform	nation				
6.1.B.1 POTW N	ame		6.1.B.2	POTW Nam	ne	
Street Address		, , , , , , , , , , , , , , , , , , , ,	Street Add	iress		
City	County	······································	City		County	
State	Zip Code		State	· · · · · · · · · · · · · · · · · · ·	Zip Code	

If additional pages of Part II, Section 5.3 and/or 6.1 are attached, indicate the total number of pages in this box 1 and indicate which Part II, Section 5.3/6.1 page this is, here1 (example: 1, 2, 3, etc.)

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EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

		,		
	TRI FACILITY ID NUMBER			
	44481WRRNW1040P			_
	Toxic Chemical, Category or Ge	neric	Name	-
	HYDROCHLORIC ACID (199			

SECTION 6.	2 TRANSFERS TO	OTHER OFF	-SITE LOCATION:	s			
6.2.1	PA Identification Number (RCRA	<u> </u>	80793384				
Off-Site Location N	RESERVE ENVIF						
Street Address	4633 MIDDLE RD	P.O. BOX 10	38				
City ASHT	'ABULA			County	ASHTABU	LA	
State OH	Zip Code 44	004-	Is location under control facility or parent compan		ing	Yes	X No
A. Total Transfers (enter range cod		B. Basis of Esti	mate		C. Type of Wast Recycling/Ene	e Treatment/Di	
1. 1810	00	1.	М		1.	M61	
2.	·	2.			2.		
3.		3.		:	3.		
,		4.			4.		
	2 TRANSFERS TO (SITE LOCATIONS	S			
6.2.2							
Off-Site Location N	ame						
Street Address							
City				County			MONUL 2
State	Zip Code	_	Is location under control of facility or parent company		ng [Yes	No
A. Total Transfers (enter range cod		B. Basis of Estir	mate	(Type of Waste Recycling/Ene	Treatment/Dis	sposal/ enter code)
1.		1.		1	l <u>.</u>		***************************************
2.		2.		2	2.		
3.		3.		:	3.		
4.		4.		4	l .		

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box 1 and indicate which Part II, Section 6.2 page this is, here. 1 (example: 1, 2, 3, etc.)

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

	5
TRI FACILITY ID NUMBER	₹
44481WRRNW1040P	
Toxic Chemical, Category	or Generic Name

HYDROCHLORIC ACID (1995 AND AFTER "ACID AEROSOLS" ONLY)

SECTION 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY						
Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.						
a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Waste Treatment Efficiency Estimate	e. Based on Operating Data?		
7A.1a	7A.1b 1 A03 2	7A.1c	7A.1d	7A.1e		
A	3 4 5 6 7 8	2	85 %	Yes No		
7A.2a	7A.2b 1 A03 2	7A.2c	7A.2d	7A.2e		
A	3 4 5 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2	95 %	Yes No		
7A.3a	7A.3b 1 A03 2	7A.3c	7A.3d	7A.3e		
A	3 4 5 6 7 8	2	95 %	Yes No		
7A.4a	7A.4b 1 A03 2	7A.4c	7A.4d	7A.4e		
А	3 4 5 6 7 8	2	95 %	Yes No		
7A.5a	7A.5b 1 A03 2	7A.5c	7A.5d	7A.5e		
Α	3 4 5 6 7 8	2	98 %	Yes No		

If additional copies of page 7 are attached, indicate the total number of pages in this box 2 and indicate which page 7 this is, here. 1 (example: 1, 2, 3, etc.)

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

_	rage / 0/ 9
	TRI FACILITY ID NUMBER
	44481WRRNW1040P
1	Toxic Chemical, Category or Generic Name

HYDROCHLORIC ACID (1995 AND AFTER "ACID AEROSOLS" ONLY)

SECTION 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY							
I .	Not Applicable (NA) - Check here if <u>no</u> on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.						
a. General Waste Stream (enter code)	[own of ordination code(s)]	c. Range of Influent Concentration	d. Waste Treatment Efficiency Estimate	e. Based on Operating Data?			
7A.1a	7A.1b 1 C11 2	7A.1c	7A.1d	7A.1e			
W	3 4 5 6 7 8	2	100 %	Yes No			
7A.2a	7A.2b 1 2	7A.2c	7A.2d	7A.2e			
	3 4 5 6 7 8		%	Yes No			
7A.3a	7A.3b 1 2	7A.3c	7A.3d	7A.3e			
	3 4 5 6 7 8		%	Yes No			
7A.4a	7A.4b 1 2	7A.4c	7A.4d	7A.4e			
	3 4 5 6 7 8		%	Yes No			
7A.5a	7A.5b 1 2	7A.5c	7A.5d	7A.5e			
	3 4 5 6 7 8		%	Yes No			

If additional copies of page 7 are attached, indicate the total number of pages in this box 2 and indicate which page 7 this is, here. 2 (example: 1, 2, 3, etc.)

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Environmental Protection
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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

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	-		_		

44481WRRNW1040P

Toxic Chemical, Category or Generic Name

HYDROCHLORIC ACID (1995)

SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES
Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.
Energy Recovery Methods [enter 3-character code(s)]
1 NA 2 3 4
en de la companya de La companya de la co
SECTION 7C. ON-SITE RECYCLING PROCESSES
Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.
Recycling Methods [enter 3-character code(s)]
1. R40 2. 3. 4. 5.
6. 7. 8. 9. 10.

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Environmental Protection
Agency

EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

44481WRRNW1040P

Toxic Chemical, Category or Generic Name

HYDROCHLORIC ACID (1995 AND A

All quantity estimates can be reported using up to two significant figures.		Column A Prior Year (pounds/year)	Column B Current Reporting Yea (pounds/year)	Golumn C Following Year	Column D Second Following Year
8.1	Quantity released*	82500	79300	76300	76300
8.2	Quantity used for energy recovery on-site	0	0		Ö
8.3	Quantity used for energy recovery off-site	0 _	_ 0-		0
8.4	Quantity recycled on-site	16100000	14400000	13900000	13900000
8.5	Quantity recycled off-site	0	0	0	0
~ 6	Quantity treated on-site	670	750	720	720
8.7	Quantity treated off-site	170000	181000	174000	174000
	Quantity treated off-site Quantity released to the environmental actions, catastropic not associated with productions.	onment as a res	ult of me events	174000	174000
8.8	Quantity released to the envir	onment as a resi events, or one-ti on processes (po	ult of me events		174000
8.8	Quantity released to the environment of actions, catastropic not associated with production production ratio or activity in Did your facility engage in an	onment as a resi events, or one-ti on processes (po dex by source reduction	ult of ime events ounds/year)	0 0001.04 emical during	174000
8.8	Quantity released to the environmental actions, catastropic not associated with production Production ratio or activity in	ronment as a resilevents, or one-tipon processes (podex by source reduction ter "NA" in Section	ult of ime events ounds/year)	0 0001.04 emical during Section 8.11.	174000
8.8	Quantity released to the environment of associated with production of activity in Did your facility engage in arthe reporting year? If not, en	ronment as a resilevents, or one-tipon processes (podex by source reduction ter "NA" in Section	ult of me events ounds/year) activities for this ch	0 0001.04 emical during Section 8.11.	174000
8.8 8.9 8.10	Quantity released to the environment actions, catastropic not associated with production. Production ratio or activity in Did your facility engage in an the reporting year? If not, en Source Reduction Activities [enter code(s)]	ronment as a resilevents, or one-tipon processes (podex and source reduction ter "NA" in Section (Me	ult of me events ounds/year) activities for this ches. 10.1 and answer sethods to Identify Activities	0 0001.04 emical during Section 8.11. tivity (enter codes)	174000
8.8 8.9 8.10	Quantity released to the environment actions, catastropic not associated with production or activity in Did your facility engage in arthe reporting year? If not, en Source Reduction Activities [enter code(s)]	ronment as a resilevents, or one-tipon processes (podex and source reduction ter "NA" in Section Me	ult of me events ounds/year) activities for this chells and answer sethods to Identify Activities b.	0 0001.04 emical during Section 8.11. tivity (enter codes)	174000

injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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	12/4/97 1355-9518-7	Service (Newsy) committee may be about an surrousings. 1 Leafles Property Overnight of Feddles Standard Overnight of Feddles 20 mg. 1 Feddles Coxt. Overnight of Peddles Standard Overnight of Peddles 20 mg. 1 Feddles Coxt. Overnight of Peddles Standard Overnight of Peddles 20 mg. 1 Feddles Coxt. Overnight of Peddles Standard Overnight of Peddles 20 mg. 1 Feddles Coxt. Overnight of Peddles Standard Overnight of Peddles 20 mg. 1 Feddles Coxt. Overnight of Peddles Standard Overnight of Peddles 20 mg. 1 Feddles Coxt. Overnight of Peddles Standard Overnight of Peddles
	T. O. Shepker 330 841-8200 Dept / Phonosimus/Range WCI/STEEL INC Environmental Control	Fordex Overment Freight Fedex 2Day Freight
	1040 PINE AVE SE WARREN OH 444 8 3	Packaging Grades 2 FedEx 1 FedEx 1 FedEx 1 Other Tube Packaging
	1669-19101-703 SEC-0-9-1997	Does this shipment contain dangerous goods? Yes Shipment Yes Ship
	MAG Media TRI NOSE Description Substitute EPCRA Reporting Center 6th Floor, Suite 650	Payment Obtain decire of FedEx A count Mag.
	4301 N. Fairfax Dr.	ForEx Account No. Cradit Card No. Date.
· ·	Arlington State VA Ap. 22203 For Saturday Delivery check here offers Sanaday State Sa	Total Packages Total Weight Total Charges S S Conditions of class by Value And Under Or DABILITY Section for Suthing information Release Signature Total Charges S Credit Card Anth.
	9894275366	Your signature authorizes Federal Express to down this ship must without obtaining a signature and appes to indemnify and rold Formities Federal Express from any resulting claims from the Commission of the Comm

WCISTEEL

August 21, 1996

EPCRA Reporting Center
P.O. Box 3348
Merrifield, VA 22116-3342
Attn: Toxic Chemical Release Inventory Magnetic Media Submission

Ms. Cindy DeWulf Ohio EPA Division of Air Pollution Control 1800 WaterMark Drive Columbus, Ohio 43216

We received a notice of technical error from the State of Ohio for our 1995 Form R submission. Their records indicated in box 6.2.1 a quantity of 172 pounds sent off site for treatment. In box 8.7 the quantity was listed as 170,000 pounds sent off site for treatment.

The records we maintain on site show box 6.2.1 to be 172,000 pounds and the quantity in box 8.7 to be 170,000 pounds. A comma had been used in box 6.2.1 to separate the thousands column from the hundreds column. This comma may have caused the error in uploading our data diskette onto the Ohio EPA computer system.

We are submitting a revised copy on diskette for Hydrochloric Acid to correct this situation. The value in box 6.2.1 has been rounded from 172,000 pounds to 170,000 pounds and the comma has been removed. This should correct the problem.

If you have any further questions on this data, please give me a call at (330) 841-8200.

Sincerely,

Thomas O. Shepker

Manager

Environmental Control

Tos:yt

Enclosure

AUG 27 1996



STREET ADORESS: HAILING ADDRESS: 1800 WaterMark Drive TELE: (614) 644-3020 FAX: (614) 644-2329 P.O. Box 1049 Columbus, OH 43215-1099 Columbus, OH 43216-1049 8-12-96 Contact Name: Thomas Shepker RECEIVED Facility Name: wcI steel Inc-Address: 1040 Pine Ave. Warren, OH 44482-6528 WCI STEEL Environmental Control RE: NOTICE OF TECHNICAL ERROR Dear Sir/Madam: The Ohio EPA, TRI staff review Form R's submittals. During our review of your 1995 Form R submittals, we discovered the following errors (only those checked): Reporting of a non-reportable substance. Do not file a Form R for a delisted or non-reportable 1) substance. An example of this would be the reporting of isopropyl alcohol. Isopropyl alcohol is reportable only if a facility manufactures it using the strong acid process. Recently, acetone, non-aerosol sulfuric acid and ammonium sulfate solution were delisted. You may withdraw a Form R by resubmitting, marking "withdraw" boldly in red on the first page. Improper SIC Code appears on page 2, Section 4.5 of the Form R. See Table I of the reporting 2) instructions for proper SIC Codes. Incorrect RCRA ID numbers on page 2 of the Form R. RCRA ID numbers must have 12 characters 3) and begin with (OH********) Incorrect NPDES permit number appears on page 2 of Form R. NPDES numbers consist of 9 4) characters and begin with (OH******). Incorrect reporting of CAS Numbers. Chemical categories are assigned category codes. The correct 5) codes appear on pages II-2 through II-23 of the instructions. Do not report "N/A" as a CAS number.

> George V. Voinovich, Governor Nancy P. Hollister, Lt. Governor Donald R. Schregardus, Director

مورو موشرمه مراجعه والمحدود

6)	No activity or uses of the toxic chemical appear on page 3, Section 3. See page 22 of the instructions for directions on completing this section.
	The numbers on page 4, Sections 5.5.1 - 5.5.4, and page 6, Section 6.2 are the same. Is this the same waste? Page 4, Sections 5.5.1 - 5.5.4 are for on-site land disposal only. Any transfer off-site for disposal (e.g. landfill) should appear on page 6, Section 6.2 of the Form R, not page 4.
8)	Incorrect codes or no code used on page 6, Section 6.2, column C. The correct codes for off-site treatment/disposal/energy recovery/recycling appear on page 35 of the instructions.
<u>/</u> 9)	Non-reporting of locations of off-site energy recovery, recycling, or treatment in Part II, Section 6.2. If a reportable TRI toxic chemical is sent off-site for energy recovery, recycling, or treatment, then the name, address and other information about that facility must be provided in Part II, Section 6.2. Hydrochloric Acad
10	Non-reporting of on-site energy recovery, on-site recycling process on page 8 of Form R. If a facility reports a quantity of a TRI toxic chemical as being used for energy recovery on-site or being recycled on-site on page 9 of the Form R, then the type of energy recovery and/or recycling must be provided on page 8 of the Form R.
11]	Disregarding page 9. The information requested on page 9 is required under the Pollution Prevention Act. This page should never be left blank.
12)	Non-completion of columns C and D on page 9. Columns C and D on page 9 require TRI reporters to make projections about releases, energy recovery, recycling, and treatment for the following two years. These columns should not be left blank. EPA expects reasonable future quantity estimates using a logical basis.
13)	Double counting on page 9. Transfers off-site for treatment, recycling or energy recovery are not considered releases and should not be reported in Section 8.1 as a "Quantity Released". Also, any amount reported as a "release to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes" in Section 8.8 should not be included anywhere in Sections 8.1 - 8.7, but should appear in the appropriate sections on pages 4, 5, or 6.
14)	Inaccurate reporting of the sum of all releases to the environment on page 9, Section 8.1. In Section 8.1, "Quantity Released" must include the total quantity of chemical released on-site and off-site,

		using codes M10, M71, M72, M73, M79, M90, M94, and M99 reported in section 6.2. These releases should not be included in Section 8.1 if these releases were the result of remedial actions, catastrophic events, or one-time events not associated with production processes. This quantity should be reported in Section 8.8.
 -	15)	Non-reporting of quantity recycled or used for energy recovery on page 9. If a facility reports on-site energy recovery or recycling methods on page 8, then the amount recycled or used for energy recovery must be reported on page 9.
	16)	Non-reporting of quantity treated on-site on page 9. If a facility claims on-site treatment on page 7, in which the toxic chemical is destroyed or chemically converted to a non-reportable toxic chemical, then the quantity treated on-site must be reported on page 9, Section 8.6.
<u>.</u>	17)	Reporting energy recovery of chemicals with insignificant heating values. An energy recovery process must be integrated into an energy recovery system and the toxic chemical must be combustible and have a heating value high enough to sustain combustion. Otherwise, it is considered waste treatment. Metals cannot be used for energy recovery.
	18)	Reporting on-site treatment of a metal. For Section 8, the US EPA defines treatment as "neutralization, destruction or conversion" of a toxic chemical. Some forms of treatment that are reportable on page 7 of Form R (e.g. filtration, settling/clarification) are not reportable on page 9 of Form R.
· Maken	19	Reporting transfers off-site for disposal as "Quantity Treated Off-Site" on page 9. Transfers off-site for disposal (Codes M10, M71, M72, M73, M79, M90, M94, and M99) are considered releases and should be included on page 9, Section 8.1 "Quantity Released", not on page 9, Section 8.7 "Quantity Treated Off-Site". Also, for the purpose of page 9, the US EPA defines treatment as "neutralization, destruction or conversion". Therefore, in the case of metals such as lead, nickel, and manganese, treatment is not possible and any transfer off-site that is not recycled or sent to a POTW is considered a release. This does not apply if the release was the result of remedial actions, catastrophic events, or one-time events not associated with production processes, which must be included in Section 8.8.
_	20)	Inaccurate reporting of quantity treated off-site on page 9. In Section 8.7, "Quantity Treated Off-Site" must include total quantity of chemical in waste stream send off-site for treatment using codes M40, M50, M54, M61, M69, and M95 reported in Section 6.2, and also quantity of chemical send to POTW for treatment reported on page 5, Section 6.1.

	21)	Non-reporting of production ratio or reporting a production ratio of "0" or invalid number on page 9. On page 9, Section 8.9, reporters must provide a ratio of reporting year production to prior year production. Only in the case when there is no basis of comparison to production in the previous year should a production ratio of "N/A" be reported. A production ratio of "0" would mean that the facility had no reporting year production. A full explanation of the "production Ratio" appears on pages 46 and 47 of the Toxic Chemical Release Inventory Form R and Instructions.
	1 1 1 1 1 1 K	
	22)	Using improper weight range codes on Form R. The weight range codes which appear on page 24 of the instructions are for use in the reporting of page 3, Section 4. "Maximum Amount of the Toxic Chemical On-Site at Any Time During the Calendar Year" only. These codes should not be used anywhere else on the Form R.
	23)	Release range codes A, B, and C should not be used on page 9. On page 9, you should only report a whole number rounded to two significant figures. You should not report any kind of release range code on page 9.
	24)	Using Decimal point. You must enter the values as whole numbers. Numbers following a decimal point are not acceptable. (Revision is not necessary if this is your only error).
	25)	Other

Revisions should be filed within 21 calendar days of the date of this letter with both Ohio EPA and US EPA. These revisions should include the entire form (pages 1-9), revisions must be made in red or circled in red. If you are submitting revisions on diskette, the diskette must only include the forms for which revisions are being submitted. Please be advised that ORC Section 3751.03 Division (E) (2) states that "No owner or operator of a facility who is required by this section to file a Toxic Chemical Release Form shall falsify, tamper with, or render inaccurate any toxic chemical release form...". ORC Section 3751.10 Division (B) states that "whoever violates Division (E) (1) or (2) of section 3751.03 shall pay a civil penalty of not more than \$25,000 for each day of violation."

If you have any questions, please call me at (614) 644-3608.

Sincerely,

Muhammal Elisabatut

Muhammad Elsalahat Environmental Engineer Toxic Release Inventory Program Division of Air Pollution Control

OhioEPA

Toxic Chemical Release Inventory Program 1995 Release Summary HYDROCHLORIC ACID

E.P.: E

Facility Type: Facility		ed for 95? N	Fil	led Form R?	N		Filed on Disk?	N	Filed Cer	tification?		
Address	WCI STEEL I			***************************************	TRI_ID		44481WRRN	W 1040P			_	
	1040 PINE AV	E. S.E.	***************************************		Mailing	Address	NA			***********	•••	
County	TRUMBULL	***************************************			Maileity							
City	WARREN		***********		Mailstate							
Zip Code	444836528	******************			Mailzip	f-14F1F1861641	-4-77-4-77-4-74-74-7-7-4-7-7-7-7	******************				
Technical Conta	□ THOMAS SH	PKER		······	SIC_Cox	de	3312			***************************************	•••	
Telephone	3308418200				RCRA		OHD060409					
Parent Company	/ NA		*******************		NPDES		OHO101079	/±1				
					UIC ID		NA		*********************			
Chem_name	HYDROCHLO		********************	***************************************	CAS Nu	mher	007647010	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***************************************	***********	••	
5.1 Fugitive	6,200	5.2 Stack		76,300	5.3.1 Wa		0				_	
5.4 Injection	0	*****************	***************************************		5.3.1 Str	<u></u>		3.3.2	Water		0	
5.5.1 Landfill		5.5.2 Land trea	t	0	5.5.3 Sur			·····				
6.1.A.1 POTW	0	***	***************		1.3.3 Str	ace	0	5.5.4	Other land	***************************************	0	
											_	
	l Transfers (pounds/	/ear)	Type of Waste	Code		То	tal Transfers (poun	ds/year)	Type of W	aste Code	_	
5.2.1		172	M	61	6.2,9		701.02	0			_	
5.2.2	***************************************	0			6.2.10	-		0			••	
5.2.3		0			6.2.11	-		0				
5.2.4		0		6.2.12	·····	**********************	·····	**************	••			
5.2.5		O		6.2.13	<u> </u>	***************************************			•			
.2.6		0			6.2.14	†		0			•••	
.2.7		0		*************	6.2.15	<u>+</u>		0				
.2.8		0			6.2.16	÷		0				
.B.1 On-Site End	ergy Recovery Proces	ses									_	
.C.1 On-Site Rec	yeling Processes		R40									
***					-							
		19	94	<u> </u>	1995		1996		19	07	_	
1 Quantity Rele	cased		83,400		82,5	00		85,400	1 17	93,700	_	
2 Energy Recov	very On-Site		0	***************************************		0 -		0		0	٠.,	
3 Energy Recov	very Off-Site		0		***************	0		0		<u>-</u>		
4 Quantity Rec	yeled On-Site	16	,800,000		16,100,0	00	16.7	00,000	10	,300,000		
5 Quantity Rec	ycled Off-Site		0			g		0	10	,300,000 0 0		
6 Quantity Trea	ated On-Site		4,700		6	 70		690		760		
7 Quantity Trea	ited Off-Site	***************************************	48,000	7	170,0		-	49,700				
Onetime Relea		0		;			:		i	54,500		
Production Ra	tio 0.9	50										
Source Redu	ction Activities				Method	l to Identi	fy Activity					

c.

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c.

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Revision	N
Revision Data	1.1

8.10.1

8.10.2

8.10.3

8.10.4

a. a.

[.] his summary shows 5 lbs for Reporting Range Code A, 250 lbs for Reporting Range Code B, and 750 lbs for Reporting Range Code C

Approval Expires: 04/2000



FORM R

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

United States

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, Environmental Protection also known as Title III of the Superfund Amendments and Reauthorization Act

je	ency		,	m do mio i			porturi.	<u> </u>	паттоп		- Coduit	onzau	JII AGE			
WHE	RE TO SEND COM	PLETED FORM	S: 1.	P.O Box 334	8		APPROPRIATE STATE OFFICE (See instructions in Appendix F)				is	Enter "X" here if this is a revision For EPA use only				
				Merrifield, VA ATTN: TOXI			L RELEASE INVENTORY								For E	
Imp	ortant: See i	nstructions	to c	determine	whe	n "No	ot App	olicabl	le (NA)	" box	es sho	uld b	e ched	cked.		
		P	AR	II. FACII	LITY	IDE	VTIFIC	CATIO	ON INI	FORI	MATIO	N				
SEC	TION 1. REPO	ORTING YEA	R 1	995					3-0	15-0	190-	422	-82-	5-0	H	
SEC	TION 2. TRAD	DE SECRET	NFC	RMATION												
2.1		the toxic chemica er question 2.2; substantiation fo		X No (E	o not	secret? answer: ection 3)	2.2;	2.2	Is this cor (Answer o		ES" in 2.1	Sanitized I)		Ur	nsanitized	
SEC	TION 3. CERT	TIFICATION	(lm	portant: R	ead a	and si	gn aft	er con	npleting	g all fo	orm sec	tions.)			
inform	by certify that I have nation is true and co data available to the	mplete and that t	ne am	ounts and value												
	and official title of o	owner/operator or	senio	r management	official					Signat	ure:				Date Sign	ned:
THOMA	AS O. SHEPKER			MANAGER EN	VIRONM	ENTAL CO	ONTROL								06/19/1996	3
	TION 4. FACI	LITY IDENTI	FICA	NOITA			-		· '							
4.1							TRIFa	cility ID I	Number	44481-\	NRRNW-1	040P				
_	y or Establishment Na rEEL, INC.	me					Facility	or Establi	ishment Na	ame or M	ailing Addr	ess(if diff	erent from	street ac	ldress)	
Street					•		Mailing	Address								
1040 P	INE AVENUE SE						NA	1								
City/C	ounty/State/Zip Code						City/Cou	unty/State	Zip Code						····	
WARR	ÉN	TRUMBULL			OH 44	483-6528		· · · · · · · · · · · · · · · · · · ·						-		
4.2	This report contai (Important : chec			licable)	a.	Х	An enti facility		b.		Part of a facility	C).	A Fed		
4.3	Technical Contac	t Name	THO	DMAS SHEPKER	Į.						-			r (include	area code)	
										-		(330) 84 Telephor		T (include	area code)	
4.4	Public Contact Na	ame	JAC	K WALTER					* •			(330) 84		, (moldde	area code,	
4.5	SIC Code (s) (4 d	ligits)	a.	3312	b.	NA		c.		d.		e.			f.	
4.6	Latitude	Degrees		Minutes		Seco		101	ngitude		Degrees		Minute	es	Second	ds
	Dun & Bradstreet	041		13		30	,			<u> </u>	080		48		55	······································
4.7	Number(s) (9 digi	14 81		identification N RA I.D. No.) (12			(4.31	-	NPDES P∈ (s) (9 char		4.10		ground Ir I.D. Num		Well Code 12 digits)	
a. 1 b. N	88276935 A	·	OHDO IA	60409521			a. OF b. NA	HO1010 [*]	79		a. N	IA .				
	TION 5. PARE			NFORMAT	ION		14/	•		 	. D.					
5.1	Name of Parent C	Company	NA	X												···· <u>·····</u>
٦	Parent Company's	s Dun & Bradstre	et Nu	mber	NA	X							·			

EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION

TRI Facility ID Number
44481-WRRNW-1040P
Toxic Chemical, Category or Generic Name
HYDROCHLORIC ACID

SECT	SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you completed Section 2 below.)										
1.1	CAS Number (Important: Enter only one num	ber exactly as it appe	ars on the Section 313 list. Enter category code	if reporting a chemical category.)							
	007647010										
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)										
	HYDROCHLORIC ACID										
1.3	1.3 Generic Chemical Name (Important: Complete only if Part 1, Section 2.1 is checked "yes". Generic Name must be structurally descriptive)										
	NA NA										
SEC.	TION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1 above.)										
	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)										
2.1	NA .										
SEC ⁻			IE TOXIC CHEMICAL AT TH	E FACILITY							
	(Important: Check all t	hat apply.)									
3.1	Manufacture the toxic che	mical: 3.2	Process the toxic chemical	: 3.3 Otherwise	use the toxic chemical:						
a.	Produce b , Imp	oort									
	If produce or import:										
c.	For on-site use/processing	a.	As a reactant	a. As a cher	nical processing aid						
d.	For sale/distribution	b.	As a formulation component	b. X As a man	ufacturing aid						
e.	As a byproduct	c.	As an article component	c. Ancillary	or other use						
f.	As an impurity	d.	Repackaging								
SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ONSITE AT ANY TIME DURING THE CALENDAR YEAR											
SEC	TION 4. MAXIMUM AMOU	NT OF THE	TOXIC CHEMICAL ONSITE A	AT ANY TIME DURIN	G THE CALENDAR YEAR						
SEC ⁻			TOXIC CHEMICAL ONSITE A	AT ANY TIME DURIN	G THE CALENDAR YEAR						
4.1	06 (Enter two-d	ligit code fron	n instruction package.)								
4.1	06 (Enter two-d	ligit code fron	n instruction package.) IEMICAL ENTERING EACH	ENVIRONMENTAL M	EDIUM ONSITE						
4.1	06 (Enter two-d	ligit code fron	instruction package.) IEMICAL ENTERING EACH A. Total Release (pounds/year)	ENVIRONMENTAL M B. Basis of estimate							
4.1 SEC	06 (Enter two-d	ligit code fron	n instruction package.) IEMICAL ENTERING EACH A. Total Release (pounds/year) (Enter range code or estimate*)	ENVIRONMENTAL M B. Basis of estimate (enter code)	EDIUM ONSITE						
4.1	(Enter two-d	ligit code fron	instruction package.) IEMICAL ENTERING EACH A. Total Release (pounds/year)	ENVIRONMENTAL M B. Basis of estimate	EDIUM ONSITE						
4.1 SEC	(Enter two-different two-diffe	Igit code from	n instruction package.) IEMICAL ENTERING EACH A. Total Release (pounds/year) (Enter range code or estimate*)	ENVIRONMENTAL M B. Basis of estimate (enter code)	EDIUM ONSITE						
4.1 SEC	[Enter two-defined point of the content of the cont	Igit code from	instruction package.) IEMICAL ENTERING EACH A. Total Release (pounds/year) (Enter range code or estimate*) 6200	ENVIRONMENTAL M B. Basis of estimate (enter code) E	EDIUM ONSITE						
4.1 SEC ⁻ 5.1 5.2	Fugitive or non-point air emissions Stack or point air emissions Discharges to receiving streams or	NA NA	instruction package.) IEMICAL ENTERING EACH A. Total Release (pounds/year) (Enter range code or estimate*) 6200	ENVIRONMENTAL M B. Basis of estimate (enter code) E	EDIUM ONSITE						
4.1 SEC ⁻ 5.1 5.2	Fugitive or non-point air emissions Stack or point air emissions Discharges to receiving streams of water bodies (enter one name per	NA NA	instruction package.) IEMICAL ENTERING EACH A. Total Release (pounds/year) (Enter range code or estimate*) 6200	ENVIRONMENTAL M B. Basis of estimate (enter code) E	EDIUM ONSITE						
5.1 5.2 5.3	Fugitive or non-point air emissions Stack or point air emissions Discharges to receiving streams or water bodies (enter one name per Stream or Water Body Name	NA NA	instruction package.) IEMICAL ENTERING EACH A. Total Release (pounds/year) (Enter range code or estimate*) 6200	ENVIRONMENTAL M B. Basis of estimate (enter code) E	EDIUM ONSITE						
5.1 5.2 5.3	Fugitive or non-point air emissions Stack or point air emissions Discharges to receiving streams or water bodies (enter one name per Stream or Water Body Name	NA NA	instruction package.) IEMICAL ENTERING EACH A. Total Release (pounds/year) (Enter range code or estimate*) 6200	ENVIRONMENTAL M B. Basis of estimate (enter code) E	EDIUM ONSITE						
5.1 5.2 5.3.1 5.3.2	Fugitive or non-point air emissions Stack or point air emissions Discharges to receiving streams or water bodies (enter one name per Stream or Water Body Name	NA NA	instruction package.) IEMICAL ENTERING EACH A. Total Release (pounds/year) (Enter range code or estimate*) 6200	ENVIRONMENTAL M B. Basis of estimate (enter code) E	EDIUM ONSITE						
5.1 5.2 5.3.1 5.3.2 5.3.3 5.4.1 5.4.2	Fugitive or non-point air emissions Stack or point air emissions Discharges to receiving streams or water bodies (enter one name per Stream or Water Body Name Name 1997) Underground Injection onsite to Class I Wells Underground injection onsite to Class II-V Wells	NA NA X	n instruction package.) IEMICAL ENTERING EACH A. Total Release (pounds/year) (Enter range code or estimate*) 6200 76300	ENVIRONMENTAL M B. Basis of estimate (enter code) E M	EDIUM ONSITE						
5.1 5.2 5.3.1 5.3.2 5.3.3 5.4.1 5.4.2	Fugitive or non-point air emissions Stack or point air emissions Discharges to receiving streams or water bodies (enter one name per Stream or Water Body Name Name 1997) Underground Injection onsite to Class I Wells Underground injection onsite to Class II-V Wells	NA NA X	A. Total Release (pounds/year) (Enter range code or estimate*) 6200 76300 NA	ENVIRONMENTAL M B. Basis of estimate (enter code) E M	EDIUM ONSITE						

EPA FORM R PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number	
44481-WRRNW-1040P	
Toxic Chemical, Category, or Generic	Name
HYDROCHLORIC ACID	

SECTIO	ON 5. QUA	ANTITY OF THE	TOXIC	CHEMIC	AL EN	TERI	NG EACH ENVI	RONMENTAL MEDIUM	ONSITE(Continued)
			NA	A. Total R			/year) (enter range estimate)	B. Basis of Estimate (enter code)	***************************************
5.5	Disposal to	land onsite						-1	
5.5.1A	RCRA Sub	title C landfills	X	NA					
5.5.1B	Other landf	îlls							
5.5.2	Land treatm farming	nent/application	X	NA					
5.5.3	Surface Im	poundment	X	NA					
5.5.4	Other dispo	osal	X	NA					
SECTION	ON 6. TRA	ANSFERS OF T	HE TO	(IC CHE	/ICAL	IN WA	STES TO OFF	SITE LOCATIONS	
6.1 DIS	CHARGE	S TO PUBLICL	Y OWN	ED TREA	TMEN	T WO	RKS (POTWs)		
6.1.A To	otal Quant	ity Transferred to	POTW	s and Bas	is of Es	timate	.		
6.1.A.1.		nsfers (pounds/ye	-			6.1.	A.2 Basis of Est	imate	
	(enter rang	ge code* or estima	ite)				(enter code)		
	NA						ere .		
1.B. 1		POTW Name							
POTW A	ddress								
City					State		County		Zip -
6.1.B. 2		POTW Name							
POTW A	ddress								
City					State		County		Zip
		f Part II, Section 6.1							
in this bo		and indicate the Par					`	example: 1,2,3, etc.)	· · · · · · · · · · · · · · · · · · ·
SECTION	ON 6.2 TF	RANSFERS TO	OTHER	OFF-SIT	E LOC	ATIO	NS	<u> </u>	
6.2. <u>1</u>	Off-Site E	EPA Identification	Number	(RCRA ID	No.)		OHD9807933	84	
Off-Site L	ocation Nam	ne RESERVE	ENVIRO	VMENTAL	SERVICE	S	, INC.		
Off-Site A	Address	4633 MIDDLE ROA	AD P.O. B	OX 1038	34444				
City	ASHTABULA	4		State C	он С	ounty	ASHTABULA		Zip 44004-
Is location	n under contr	ol of reporting facility	or parent	company?				Yes	X No

EPA FORM R PART II CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number
44481-WRRNW-1040P
Toxic Chemical, Category or Generic Name
HYDROCHLORIC ACID

			·						HYD	ROCHLORIC ACID			
ECTION 6.	2 TRANSFERS	то от	IER OF	F-SITE	LOCATIO	SNC	S (Cont	tinuec	d)				
A. Total Transfe (enter range o	ers (pounds/year code* or estimate))		sis of Est nter code)	irnate				C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)				
1. 170000			1. M							1. M61			
2. NA			2.	2.									
3.			3.						3.				
4.			4.						4.				
6.2 <u>2</u> Off-S	Site EPA Identific	ation Num	nber (RCF	RA ID No	o.)								
Off-Site location	Name									-			
Off-Site Address													
City					State		County				Zip -		
Is location ur	nder control of r	eporting	facility c	r parent	compan	y?				Yes	No		
A. Total Tra (enter ra	ansfers (pounds/ ange code* or estima	- ,			asis of Esti enter code)	mate	е	-	1	ype of Waste Trea Recycling/Energy	atment/Disposal/ Recovery (enter code)		
1.			1.						1.				
2.			2.						2.				
3,			3.							3.			
4.			4.						4,				
SECTION 7	A. ON-SITE W	ASTE TE	REATME	NT ME	THODS A	ANE	EFFIC	IENCY	·				
Not A	nnecanie (NIA) -				atment is ap		-						
a. General Waste Stream (enter code)	b. Waste		Method(s)	lining the toxic chemical or chemical category. i(s) Sequence c. Range of Influent Concentration					d. V	e. Based on Operating Data ?			
7A.1a	7A.1b	1	A03	2	NA		7A.10	2		7A.1d	7A.1e		
А	3	4 7		5 8			2			85 %	Yes No X		
7A.2a	7A.2b	1	A03	2	NA	+	7A.20	2		7A.2d	7A,2e		
А	3 6	4 7		5 8			2			95 %	Yes No		
7A.3a	7A.3b	1	A03	2	NA NA		7A.3e	······································		7A.3d	7A.3e		
	3	4		5						.,	Yes No		
Α	6	7		8			2			95 %			
7A.4a	7A.4b	1	A03	2	NA	L	7A.4c	3		7A.4d	7A.4e		
А	6	4 7		5 8			2			95 %	Yes No		
7A.5a	7A.5b	1	A03	2	NA	_	7A.5			7A,5d	7A.5e		
А	3	4		5			2			Yes No			
dditional sa	6 Part II Section	7	a affect.	8	***	<u> </u>					X		
	es of Part II, Sectio Part II, Section 6.2					_	oer of pag kample: 1,			2	•		

EPA FORM R PART II CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number	
44481-WRRNW-1040P	_
Toxic Chemical, Category or Generic Name	
HYDROCHLORIC ACID	

								HYDROCHLORIC ACID				
ECTION 6.	2 TRANS	FERS TO OT	HER OFF-S	ITE L.C	CATIO	NS (Continu	ied)					
A. Total Transfe (enter range		ds/year) nate)	B. Basis o		ate		С	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)				
1.			1.				1.	1.				
2.			2.			-	2.					
3.			3.				3.					
4.			4.				4.					
6.2 <u>3</u> Off-S	Site EPA Id	entification Nu	mber (RCRA I	D No.)								
Off-Site location	Name	:										
Off-Site Address	3											
City				s	tate	County_			Zip -			
Is location ur	nder contr	ol of reporting	j facility or pa	arent co	ompany'	?		Yes	No			
A. Total Tra (enter ra	ansfers (p inge code* o	ounds/year) r estimate)			s of Estim er code)	ate		C. Type of Waste Trea Recycling/Energy	atment/Disposal/ Recovery (enter code)			
1.			1.			-	1.					
2.			2.				2.					
3.			3.				3.	3.				
4.			4.				4.					
SECTION 7	A. ON-SI	TE WASTE T	REATMENT	METH	IODS A	ND EFFICIEN	CY					
Not A	pplicable (NA	<u> </u>	if no on-site was			•						
a. General Waste Stream (enter code)		Waste Treatment [enter 3-character	Method(s) Sequ	ne toxic chemical or chemical category. quence c. Range of Influen Concentration				d. Waste Treatment Efficiency Estimate	e. Based on Operating Data ?			
7A.1a	7A.1b	1	C11 2	2 N	A	7A.1c		7A.1d	7A.1e			
W	3 6	4 7	5			2		100 %	Yes No			
7A.2a	7A.2b	1	2	<u> </u>		7A.2c		7A.2d	7A.2e			
NA	3 6	4 7	5					0 %	Yes No			
7A.3a	7A.3b	1	2			7A.3c		7A.3d	7A.3e			
71100	3	4		· · · · · ·		77100		, ,,,,,,,,	Yes No			
	6	7						%				
7A.4a	7A.4b	1	2	2		7A.4c	:	7A.4d	7A.4e			
	3	4		5					Yes No			
	6	7		3				%				
7A.5a	7A.5b	1	- 2	2		7A.5c		7A.5d	7A.5e			
	3	4		5				57	Yes No			
	6	7	8					%				
						mber of pages in		ox 2				
indicate the	rart II, Secti	on 6.2/7A page i	number in this I	oox :	2	(example: 1,2,3, ε	etc)					

EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number

44481-WRRNW-1040P

Toxic Chemical, Category or Generic Name

HYDROCHLORIC ACID

SECT	ION 7B. ON-SITE ENERGY RE	COVERY PROCES	SSES								
X	X Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.										
Ei	nergy Recovery Methods [enter 3-characte	r code(s)]									
1 NA	1 NA 2 3 4										
SECT	ION 7C. ON-SITE RECYCLING	PROCESSES									
	Not Applicable (NA) - Check here if n	o on-site recycling is appl ning the toxic chemical or	•								
- R	ecycling Methods [enter 3-character code(o, territour outegory,								
_ [40 2. NA	3.		4.		5.					
6.	7.	8.		9.		10.					
SECT	TON 8. SOURCE REDUCTION	AND RECYCLING	ACTIVITIES								
	Column A Column B Column C Column D										
	Prior Year Current Reporting Year Following Year Second Following Year (pounds/year) (pounds/year) (pounds/year) (pounds/year)										
8.1	Quantity released ** 83400 82500 85400 93700										
8.2	8.2 Quantity used for energy recovery 0 0 0 0 0 0 0										
	Quantity used for energy recovery offsite	0		0	0	0					
8.4	Quantity recycled onsite	16800000	16100	000	16700000	18300000					
8.5	Quantity recycled offsite	0	0		0	0					
8.6	Quantity treated onsite	4700	670		690	760					
8.7	Quantity treated offsite	48000	170	000	49700	54500					
8.8	Quantity released to the environment as a catastrophic events, or one-time events n processes (pounds/year)	a result of remedial action ot associated with produc	s, etion		0.						
8.9	Production ratio or activity index				0000.95						
8,10	Did your facility engage in any source recenter "NA" in Section 8.10.1 and answer	luction activities for this cl Section 8.11.	hemical during the re	porting ye	ear ? If not,						
8,10	Source Reduction Activities [enter code(s)]		Methods to Identify A	ctivity (ent	er codes)						
8.10.1	NA	a.	b.		C.						
8.10.2		a.	b.	······································	c.						
8,10,3		a,	b.		c.						
8,10.4		a,	b.		c.						
8.11	Is additional information on source reducincluded with this report? (Check one be		n control activities			YES NO X					
** Report	releases pursuant to EPCRA Section 329(8) including		, pouring, emitting, empty	ing, discharg	ling,						

WCI STEEL, INC. 1040 Pine Avenue Warren, Ohio 44483



POSTMARK DATE UNSCANNABLE. VERIFIED AS AVA 23% First Class Mail

FIRST CLASS MAIL

WCISTEEL

AÚG 27 1996

FROM ;

T. O. Shepker, Environmental Control

Ю

EPCRA Reporting Center P.O. Box 3348 Merrifield, VA 22116-3342

Attn: Toxic Chemical Release Inventory Magnetic Media Submission

WCI Steel, Incorporated 1040 Pine Avenue, SE Warren, OH 44483-6528

1150



Page 1 of 2 Pages.

WCI STEEL, INC. 1040 PINE AVENUE SE WARREN, OH 44483-6528 TRI Fac. ID #44481WRRNW1040P June 14, 1995

EPCRA Reporting Center
P.O. Box 3348

MD94-02651

Merrifield, VA 22116-3342

Attn: Toxic Chemical Release Inventory
Magnetic Media Submission

To Whom It May Concern:

Enclosed please find one (1) microcomputer diskette containing toxic chemical release reporting information for:

WCI STEEL, INC.

This information is submitted as required under section 313, Title III of the Superfund Amendments and Reauthorization Act of 1986 and the Pollution Prevention Act of 1990.

A total of eight (8) reports are included from our facility, concerning the following chemicals:

CHROMIUM COMPOUNDS N090 HYDROCHLORIC ACID 007647-0 LEAD COMPOUNDS N420 MANGANESE COMPOUNDS N450 NICKEL COMPOUNDS N495 SULFURIC ACID 007664-9	Chemical Name	CAS Number
1,502	CHROMIUM COMPOUNDS HYDROCHLORIC ACID LEAD COMPOUNDS MANGANESE COMPOUNDS NICKEL COMPOUNDS	007647-01-0 N420 N450

Our technical point of contact is:

THOMAS O. SHEPKER, Phone Number: (216) 841-8200,

and is available should any questions or problems arise in your processing of these diskettes.

Page 2 of 2 Pages.

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Sincerely yours,

HOMAS O. SHEPKER

MANAGER ENVIRONMENTAL CONTROL

WCI STEEL, INC.

Enclosures

(IMPORTANT: Type or print; read instructions before completing form)

	E	D	Α
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FORM R

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

United States

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986

	rironmental Prot ency					nd Amendments		norization Act	,
WHEF	RE TO SEND COMI	PLETED FORM	S: 1. EPCRA Rep P.O Box 334 Merrifield, V			APPROPRIATE ST (See instructions in		Enter "X" here is a revision For EPA use only	if this
			ATTN: TOX	IC CHEMICA	L RELE	ASE INVENTORY		10, 2, , (0,00 0111)	
Impo	ortant: See ir	nstructions	to determine	when "N	ot Ap	plicable (NA)"	boxes sh	ould be checke	ed.
		Р	ART I. FACI	LITY IDE	NTIF	ICATION INF	ORMATIC	N	
SEC	TION 1. REPO	RTING YEA	AR 1994			13-94	-080-1	07149-9-	0 H
SEC	TION 2. TRAD	E SECRET	INFORMATION		TOTAL CONTRACT				
2.1	Yes (Answe	the toxic chemic er question 2.2; substantiation fo		3 trade secret Do not answer So to Section 3	2.2;	2.2 Is this copy (Answer or	y nly if "YES" in 2.	Sanitized .1)	Unsanitized
SEC	TION 3. CERT	IFICATION	(Important: F	Read and s	ign af	ter completing	all form se	ctions.)	
inform using	nation is true and cor data available to the	mplete and that t preparers of this	the amounts and valus report.	es in this repo		ny knowledge and be courate based on rea			
		wner/operator or	r senior managemen		-		Signature:	A	Date Signed:
THOMA	AS O, SHEPKER		MANAGER EN	IVIRONMENTAL (CONTROL				06/15/1995
SEC	TION 4. FACIL	LITY IDENTI	IFICATION						
4.1		<u> </u>					44481-WRRNW-		
_	y or Establishment Nai EEL, INC.	me			Facilit	y or Establishment Nar	ne or Mailing Add	lress(if different from stre	et address)
Street 1040 P	INE AVENUE SE				Mailin NA	g Address			
City/Co	ounty/State/Zip Code				City/C	ounty/State/Zip Code			
WARR	EN	TRUMBULL		OH 44483-652	8		,		-
4.2	This report contain			a. X	An er facilit	h 1	Part of a facility		A Federal acility
4.2								Telephone Number (inc	clude area code)
4.3	Technical Contact	. wanie	THOMAS O. SHEPI	ΥΕΚ				(216) 841 - 8200	
4.4	Public Contact Na	ame	JACK G. WALTER					Telephone Number (ind (216) 841 - 8206	clude area code)
4.5	SIC Code (s) (4 d	igits)	a. 3312	b. N	4	c.	d.	e.	f.
4.6	Latitude	Degrees	Minutes	Sec	onds	Langituda	Degrees	Minutes	Seconds
7.0		041	13	<u> </u>	0	Longitude	080	48	55
4.7	Dun & Bradstreet Number(s) (9 digit	12LX	EPA identification (RCRA I.D. No.) (1		4.9	Facility NPDES Per Number(s) (9 chara	1 21 11	Underground Inject (UIC) I.D. Number(
	88276935		OHD060409521			OHO101079	a.		
b. N			NA NY INEODMAI	ION	b.	VA	b.		
			NY INFORMAT	ION					
5.1	Name of Parent C	ompany	NA X	1					
7	Parent Company's	s Dun & Bradstre	eet Number	NA	х				·

EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION

 _
TRI Facility ID Number
44481-WRRNW-1040P
Toxic Chemical, Category or Generic Name
HYDROCHLORIC ACID

	PART II. CHEMICA	AL-SPECIF	IC INFORMATION	Toxic Chemic	al, Category or Generic Name						
				HYDROCHLORIC	ACID						
SEC	TION 1. TOXIC CHEMICAL	DENTITY	(Important: DO NOT comple	ete this section if you com	pleted Section 2 below.)						
1.1		er exactly as it appe	ars on the Section 313 list. Enter category code	if reporting a chemical category.)							
	007647010 Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)										
1.2	HYDROCHLORIC ACID										
1.3	Generic Chemical Name (Important: Complete	only	if Part 1, Section 2.1 is checked "yes". Gene	eric Name must be structurally descr	iptive)						
	NA										
SEC			TITY (Important: DO NOT comple		pleted Section 1 above.)						
2.1		r (Important: Maximur	n of 70 characters, including numbers, letters, sp	paces, and punctuation.)							
·····	NA		MATERIAL PORTUGUIS AND								
SEC	TION 3. ACTIVITIES AND (Important: Check all t		E TOXIC CHEMICAL AT TH	E FACILITY							
3.1	Manufacture the toxic che	mical: 3.2	Process the toxic chemical	: 3.3 Otherwise	use the toxic chemical:						
a.	Produce b. Imp	ort									
	If produce or import:										
C.	, ,	a.	<u> </u>		nical processing aid						
d.		b.	As a formulation component	—	ufacturing aid						
e. f.	As a byproduct As an impurity	c.	As an article component Repackaging	c. Ancillary	or other use						
				AT ANY TIME DUDIN	C THE CALENDAR VEAR						
			TOXIC CHEMICAL ONSITE A	AT ANT TIME DURIN	G THE CALENDAR YEAR						
4.1			n instruction package.)								
SEC.	TION 5. QUANTITY OF TH	IE TOXIC CH	EMICAL ENTERING EACH	ENVIRONMENTAL M	EDIUM ONSITE						
	-		A. Total Release (pounds/year) (Enter range code or estimate*)	B. Basis of estimate (enter code)	C. % From Stormwater						
5.1	Fugitive or non-point air emissions	NA	860	E							
5.2	Stack or point air emissions	NA	82500	М							
5.3	Discharges to receiving streams of water bodies (enter one name per										
	Stream or Water Body Na	me									
5.3.1	NA				·						
5.3.2											
5.3.3	:										
5.4.1	Underground Injection onsite to Class I Wells	NA X	NA								
5.4.2	Underground injection onsite to Class II-V Wells	NA 🗌									
	tional pages of Part II, Section 5.3 dicate the Part II, Section 5.3 page		dicate the total number of pages in	L							

EPA FORM R PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)

_	
	TRI Facility ID Number
	44481-WRRNW-1040P
	Toxic Chemical, Category, or Generic Name
	HYDROCHLORIC ACID

							•				HYDROC	HLORIC A	CID		
SECTIO	ON 5. QUAI	VTITY OI	THE TOX	(IC CI	HEMICA	LEN	TERIN	IG EACH	I ENVIE	₹O\	IMENT	TAL MI	EDIUM (ONSIT	E(Continued)
			. N	A A .	Total Rel			year) (ente estimate)	r range	1	Basis of (enter co		te		
5,5	Disposal to la	and onsite													
5.5.1A	RCRA Subtit	tle C landfills	5	X N	IA										
5.5.1B	Other landfill	s													
5.5.2	Land treatme	ent/applicatio	on J	X N	IA			,							
5.5.3	Surface Impo	oundment		X N	IA										
5.5.4	Other dispos	al		X N	IA										
SECTION	ON 6. TRAI	NSFERS	OF THE T	OXIC	CHEMI	CALI	N WA	STES TO	OFF-	SIT	E LOC	ATIO	IS		
6.1 DIS	CHARGES	TO PUE	SLICLY OV	VNED	TREAT	MEN.	T WOI	RKS (PC	TWs)				,		
6.1.A To	otal Quantit	y Transfe	rred to POT	Ws ar	nd Basis	of Es	timate								
	Total Trans	• • • • • • • • • • • • • • • • • • • •					6.1.	4.2 Basis	of Esti	mat	e				11141111
	(enter range	e code* or	estimate)					(enter	code)						
	NA														
1.B. 1	Р	OTW Name									-				
POTW A	Address			***************************************											
City					:	State		County			•			Zìp	-
6.1.B. 2	<u>P</u>	'OTW Name													
POTW A	address												***************************************		
City					,	State		County						Zip	
If addition	onal pages of	Part II, Sec	tion 6.1 are at	ttached	l, indicate	the tof	tal numi	per of page	es					1	
in this b	ox 1 ar	nd indicate	the Part II, Se	ection 6	3.1 page n	umber	in this l	оох [1 (e	xam	ple: 1,2,	3, etc.)			
SECTI	ON 6.2 TR	ANSFER	в то отн	ER O	FF-SITE	LOC	OITA	is				-		-	
6.2. 1 Off-Site EPA Identification Number (RCRA ID No.) PAD004835146															
Off-Site Location Name MILL SERVICES, INC.															
Off-Site /	Address	R. D. #1, B	OX 135A												
City	YUKON			St	tate _. PA	c	ounty	WEST M	ORELANI					Zip	15698-
Is location	Is location under control of reporting facility or parent company? Yes X No														

EPA FORM R PART II CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI Faci	lity ID Number
44481-W	VRRNW-1040P
Toxic Ch	emical, Category or Generic Name
HYDROCH	LORIC ACID

PART II CHE	MICAL-SPI	ECIFIC	CINFO	RMAT	ION (CON	ITINUE	ED)	⊢	Toxic Chemical, Categ	ory or Generic N	ame
							C-10-14-1			HYDROCHLORIC ACID		
ECTION 6.2 T	RANSFERS	го от	HER OF	-SITE	LOCA	TION	S (Cor	ntinued	I)			
A. Total Transfers (enter range code	(pounds/year)		1	sis of Est						Type of Waste Treati	•	
1. 33000	e or estimate)		1. M	ter code)						Recycling/Energy Re	ecovery (enter	code)
2. NA			2.							M61		
3. NA			3,	.,					2.			
4.			4.						3.			
6.2 Z OII-Site	6.2 2 Off-Site EPA Identification Number (RCRA ID No.) OHD980793384											
Off-Site location Nan	ne RESER	VE ENV	RONMENT	'AL SER'	VICES			, INC.				
Off-Site Address	4633 MIDDLE F	ROAD, P.	O. BOX 10	3				8				
City ASHTABUL	_A				State	ОН	County	ASHTAI	BULA	i	Zip 4	14004-
Is location unde	r control of re	porting	facility o	r paren	t comp	any?				Yes	XN	lo
A. Total Transt (enter range	fers (pounds/ye code* or estimate				asis of E enter cod		te		С	. Type of Waste Trea Recycling/Energy		
1. 14800			1. N	1					1.	M61		-
2. NA			2.				2.					
3.	···		3.						3.			
4.			4.						4.			
SECTION 7A.	ON-SITE WA	STE TI	REATME	NT ME	THOD	S AN	D EFFIC	CIENCY	,			
Not Applic	cable HVA1 -		if no on-site n containing					egory.			***************************************	
a. General Waste Stream (enter code)	b. Waste Tr [enter 3-c			s) Sequence c. Range of Influent Concentration					d	. Waste Treatment Efficiency Estimate	e. Based on Operating D	ata ?
7A.1a 7	A.1b	1	A03	2	NA		7A.	1c		7A.1d	7A.1e	
Α 3	3	4		5				,		85 %	Yes	No
΄` 6	3	7		8				-		03 76		X
7A.2a 7	A.2b	1	A03	2	NA	_	7A.:	2c		7A.2d	7A.2e	1
Α	3	7		5 8		-	2	2		95 %	Yes	No X
7A.3a 7.	A.3b	1	A03	2	NA	11	7A.:	3c		7A.3d	7A.3	е
	3	4		5		┪┝					Yes	No
	3	7		8			2	2		95 %		X
7A.4a 7.	A.4b	1	A03	2	NA		7A.	4c		7A.4d	7A.4	le
A	3	4		5					1		Yes	No
	3	7		8				2		95 %	Х	
7A.5a 7.	A.5b	1	A03	2	NA		7A.	5c	: -	7A.5d	7A.5	e
A 3	3	4 7		5			2	2		98 %	Yes	No
) I	7 1		8					- 1		X	

EPA FORM R PART II CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number
44481-WRRNW-1040P
Toxic Chemical, Category or Generic Name
HYDROCHLORIC ACID

PART II C	HEMICAL-SI	PECIFIC	INFO	RMAT	ION (C	ONTINUE	D)	Toxic Chemical, Categ	ory or Generic Name			
ECTION 6	2 TRANSFERS	TO OTI	JED OEE	CITE	LOCATI	ONS (Car	ntinued	<u> </u>				
A. Total Transfe			_	is of Est		0113 (COI	iuriueu	<i>)</i> C. Type of Waste Treatr	ment/Disposal/			
	code* or estimate)	,	1	ter code)	illate				ecovery (enter code)			
1.			1.				.	1.				
2.			2.					2.				
3.			3,					3,				
4.			4.					4.				
6.2 3 Off-S	Site EPA Identific	ation Num	hber (RCR	:A ID No)							
Off-Site location		· · · · · · · · · · · · · · · · · · ·			<u>'</u>							
Off-Site Address												
City					State	County			Zip -			
Is location ur	der control of	reporting	facility or	r parent	compar	y?	*	Yes	No			
A. Total Tra (enter ra	nsfers (pounds nge code* or estim	•			sis of Est	imate		C. Type of Waste Trea Recycling/Energy	atment/Disposal/ Recovery (enter code)			
1. NA			1.					1,	TSH Vania in			
2.			2.					2.				
3,			3.		* ** **********************************			3.				
4.			4.					4.	· · · · · · · · · · · · · · · · · · ·			
SECTION 74	A. ON-SITE W	ASTE TE	REATME	NT ME	THODS	AND EFFIC	HENCY		***************************************			
Not A	oblicable (NA) -				-	oplied to any chemical cate	göry.		·			
a. General Waste Stream (enter code)		Treatment N 3-character		equence		c. Range o Concent		d. Waste Treatment Efficiency Estimate	e. Based on Operating Data?			
7A.1a	7A.1b	1	C11	2	NA	7A.1	lc	7A.1d	7A.1e			
W	6	4 7		5 8		2		100 %	Yes No			
7A.2a	7A.2b	1		2		7A.2	?c	7A.2d	7A.2e			
NA	3	4 7		5 8				0 %	Yes No			
7A.3a	7A.3b	1		2		7A.3	ic.	7A.3d	7A.3e			
773.00	3	7 4		5		17.0			Yes No			
	6	7		8				%				
7A.4a	7A.4b	1		2		7A.4	lc	7A.4d	7A.4e			
	3	4		5					Yes No			
	6	7		8				%				
7A.5a	7A.5b	1		2		7A.5	ic	7A.5d	7A.5e			
	3	4		5				A7	Yes No			
	6	7		8			<u>.</u>	%				
	s of Part II, Section					-						
a muicate me i	Part II, Section 6.2	A page n	umper in th	us DOX :	2	(example: 1	,೭,১, etc)					

EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number

44481-WRRNW-1040P

Toxic Chemical, Category or Generic Name

HYDROCHLORIC ACID

				Toyar Stronger	ory or Generic Name				
				HYDROCHLORIC ACID					
CTکے	ION 7B. ON-SITE ENERGY R	ECOVERY PROCES	SSES						
Х	Not Applicable (NAT -	re if no on-site energy recov							
Er	nergy Recovery Methods [enter 3-charac	ter code(s)]							
1 NA	2	3		4					
SECT	ION 7C. ON-SITE RECYCLING	G PROCESSES							
	Not Applicable (NA) - Check here if stream conta	no on-site recycling is appli							
Re	ecycling Methods [enter 3-character code	e(s)]							
1. R	40 2. NA	3.	4.		5.				
6.	7.	8.	9,		10.				
SECT	ION 8. SOURCE REDUCTION	I AND BECYCLING	ACTIVITIES						
SECT	ION 8. SOURCE REDUCTION	Column A	1	Column C	Column D				
		Prior Year (pounds/year)	Column B Current Reporting Year (pounds/year)	Following Year (pounds/year)	Second Following Year (pounds/year)				
8.1	Quantity released **	110000	83400	75800	74100				
8.2	Quantity used for energy recovery onsite	0	0	. 0	0				
V	Quantity used for energy recovery offsite	0	0	0	0				
8.4	Quantity recycled onsite	12000000	16800000	15300000	14900000				
8.5	Quantity recycled offsite	. 0	0	0	0				
8.6	Quantity treated onsite	1200000	4700	4300	4200				
8.7	Quantity treated offsite	27000	48000	44000	43000				
8.8	Quantity released to the environment as catastrophic events, or one-time events processes (pounds/year)			0					
8.9	Production ratio or activity index			0000.98					
8.10	Did your facility engage in any source re enter "NA" in Section 8.10.1 and answe	eduction activities for this ch er Section 8.11.	nemical during the reporting y	/ear ? If not,					
	Source Reduction Activities [enter code(s)]	M	lethods to Identify Activity (er	iter codes)					
8.10.1	NA	a.	b	c.					
8.10.2		a.	b.	c.					
8,10.3		a.	b	c.					
8.10.4		a.	b.	c.					
	Is additional information on source redu		anatural authorities		YES NO				



First Class Wall

FIRST CLASS MAIL

WCISTEEL

FROM

PCRA Reporting Center
P.O. Box 3348
Merrifield, VA 22116-3348
Attn: Toxic Chemical Release Inventory

WCI Steel, Incorporated 1040 Pine Avenue, SE Warren, OH 44483-6528

CERTIFIED MAIL

DETURN RECEIPT REQUESTED

MD94-02651

ENV-0005

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لبنا (Imn	ortant: Tune	De peints s	eaad impercupie				,		Appr	oval Expi	res: 01/94	
I _	TOXIC CH	.S. Environ	'Gency Planning	n Agency NVENTOF	Public reporting burden for collection of information is estimated burden of 32 hours per rewith an average of 32 hours propose, including time for minstructions, searching existing sources, gathering and maintain and Reauthorization Act					mated to esponse, ours per reviewing ing data uning the		
ЕP	a form R	۵۱	PART I. FACILITY ENTIFICATION	V	(This space for your optional Hydrochloric Acid 13-90-04521492-9-							s burden
1.	ſì	Answer ques ch substantial	tion 1.2; X	No (Do not ar Go to questio		The state of the s						
f heret comple Name	on certify that I have and that the and official title omas 0. Sh	ve reviewed to impounts and vote of owner/oper	d sign after com	npleting all se ents and that, are accurate b agement officia	ections.) to the best operated on rea		rnowledge i e estimates	and be	elief, the sign data avai		formation is true and preparers of this re	d port.
	11/2	omar	0 1	here	<i>-</i>				6	/	7/	
	FACILITY IDENTIFICATION Facility or Establishment Name Warren Consolidated Industries, Inc. Street Address 1040 Pine Avenue S.E.					WHERE TO SEND COMPLETED FORMS: 1. EPCRA REPORTING CENTER P.O. BOX 23779						
3.1	City				.1	W	ASHING	TO	N, DC	20026-3 IICAL RE	779 ELEASE INVEN	ITORY
	Ohio 44483 TRI Facility Identification Number 44481WRRNW1040P					2. A in	PPROPR Append	TAII dix (E STAT G)	E OFFIC	E (See instruc	ctions
3.2	This report conta	ains informatio	on for (Check only o		in entire fac	ulu‡sz	b.	<u> </u>	Part of a f	adita.	<u> </u>	
3.3	Technical Contac Thomas O		er.			Part of a facility. Telephone Number (include area code 216-841-8200					lude area code)	
3.4	Public Contact Jack G.									phone Number (include area code) 6-841-8206		
3.5	SIC Code (4 digital a. 3312	b.	NA	¢.		d.	· · · · · · ·		e		1.	
3.6	Degre 041		Minutes 13	Seconds 30			Degrees 080		Lo Minu 48	ngitude tes	Seconds 55	
3.7	Dun & Bradstree a. 18-827-6	935				_{b.} NA						
3.8	EPA Identification a. OHD06040 NPDES Permit N	9521	(HCRA I.D. No.)			b. NA						
3.9	a. OHO10107	9				b. NA						
	Receiving Streams or Water Bodies (enter one name per box) a.Mahoning River					b NA						
3.10	C.		······································			d.			· ,,, <u></u>			
3.11	Underground Injection Well Code (UIC) Identification Number(s) a. NA					<u>f.</u> b.						
4. P	ARENT COM	PANY INFO	ORMATION									JUN 7
4.1	Name of Parent NA					42	Parent Cor	npany	y's Dun & E	Bradstreet N	dumber	

EPA Form 9350-1 (Rev.1-91) - Previous editions are obsolete.

(Important: Type or pr.	int; Linstructions	before con	npleting form.)	Page 2 o				
	PART II. OFF-SITE	PA FORM		(This space for your optional use				
1. PUBLICLY OWNED TO	REATMENT WORKS (I	POTWs)						
1.1 POTW name NA	<u> </u>		1.2 POTW name					
Street Address			Street Address					
City	County		City	County				
State	Zíp	·	State	Zio				
2. OTHER OFF-SITE LO	CATIONS (DO NOT BERG	PT LOCATION		MALY FOR RECYCLING OR REUSE).				
2.1 Off-site location na	me	- LOCATION	2.2 Off-site location na					
American Landfil	1, Inc.		Mill Services, In	nc.				
NA	A IU. No.)		EPA Identification Number (RCR	A ID. No.)				
Street Address	, , , , , , , , , , , , , , , , , , , 	 	PAD004835146 Street Address					
7916 Chapel Stre			R.D. 1 Box 135A					
Waynesburg	County	_	City	County				
State	Stark Zip		Yukon State	West Moreland				
Ohio	44688		Pennsylvania	15698				
s location under control of report	ing facility or parent compar	ny?	is location under control of report	ing facility or parent company?				
	<i>I</i> 1.	۲٦						
	Ver	[X] No		[] _{Yes} [X] _{No}				
2.3 Off-site location nam	7.6		2.4 Off-site location na	me				
PA Identification Number (RCR/	(10. No.)		EPA Identification Number (RCRA ID. No.)					
itreet Address								
Mage Moches			Street Address					
city	County		City	County				
late	Zip		State					
			0.216	Zip				
location under control of reporti	ng facility or parent compan	y?	is location under control of reporti	ng facility or parent company?				
G	[] _{Yes}	[] _{No}		[] Yes [] No				
.5 Off-site location nam	•		2.5 Off-site location nam					
PA Identification Number (RCRA	ID. No.)	·	EPA Identification Number (RCRA	D. No.)				
Ireet Address								
11 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Street Address					
ity	County			County				
2(4	Zip Zip			Zip				
location under control of reportir	ng facility or parent company	17	Is location under control of reporting facility or parent company?					
				a mainty or parent company?				
annandration and the second	Yes	[]//6		[] _{Yes} [] _{No}				
Check if additional pages of I	Part # are attached. How ma	anv?						

(Important: Type or print; read instru	ctions i	before	e cor	npletii	ng for	m.)			Page 3 of		
SEPA PART III. C		PA FO			NFOR	MATION		(This space for	your optional use.		
1. CHEMICAL IDENTITY(Do not comple	te this s	ection	if yo	u com	olete S	ection 2.1					
1.1 [Reserved]											
1.2 CAS Number (Enter only one number ex 7647-01-0								al category.)			
1.3 Chemical or Chemical Category Nam Hydrochloric Acid	ne (Enter	only on	е пал	e exact	ly as it i	appears on the 313 lis	st.)				
Generic Chemical Name (Complete only if Part I, Section 1.1 is checked "Yes." Generic name must be structurally descriptive 1											
MIXTURE COMPONENT IDENTITY (Do not complete this section if you complete Section 1.)											
2. Generic Chemical Name Provided by Suppli NA	er (Limit th	e nam	e to a	maximu	ection on of 70	if you complete Se characters (e.g., nu	ection mbers	1 1.) , letters, spaces, p	ounctuation).)		
3. ACTIVITIES AND USES OF THE CH								20000000 200000			
Manufacture the chemical:		<u> </u>	f prod	duce o	r impor	rt:	.)				
3.1 a.L Produc	e		c.[For	on-sit /proce	e ssing	d.[For sale/ distribution			
b. Import			е.[As	a bypr	oduct	f. [As an impurity			
chemical: a. As a reactant			ь.[] As	a form	ulation t	c.[As an article component			
	aging on	ly				- <u></u> -		·			
3.3 Otherwise use the chemical: As a chemical:	ing aid		ь.[As	a manı	afacturing aid	c.[X	Ancillary or ot	her use		
4. MAXIMUM AMOUNT OF THE CHEM	/ICAL O	N-SI	TE A	TANY	TIME	DURING THE CA	ALEN	IDAR YEAR			
06 (enter code)											
5. RELEASES OF THE CHEMICAL TO 1	HE ENV	IRON	MEN		-SITE Total R			In Dealers			
You may report releases of less than		ļ		(t	pounds	/year)		B. Basis of Estimate	C. % From Stormwater		
1,000 pounds by checking ranges under A. (Do not use both A.1 and A.2)	1.			A.1 ting Ra		A.2 Enter					
5.1 Fugitive or non-point air emissions		_		-499 : 1				(enter code)			
	5.1a	<u>l</u>	1 [j	<u> </u>	1,200		5.1b O			
5.2 Stack or point air emissions	5.2a	[] []	[]	45,000		5.2b E			
5.3 Discharges to receiving streams or water bodies 5.3.1	5.3.1a	[] []		NA		5.3.1b	5.3.1c %		
(Enter letter code from Part I Section 3.10 for stream(s) in 5.3.2 the box provided.)	5.3.2a	[] []	[]			5.3.2b	5.3.2c _%		
5.3.3	5.3.3a	[] []	[]		ш.ц	5.3.3b	5.3.3c %		
3.4 Underground Injection	5.4a	ſ	1 r	1 1	1	NA		5.4b			
.5 Releases to land		<u>. L</u>] [IVA		3,40			
5.5.1 On-site landfill	5.5.1a	<u> </u>	<u> </u>]		NA		5.5.1b			
5.5.2 Land treatment/application farming	5.5.2a]] [_] [NA		5.5.2ь			
5.5.3 Surface Impoundment	5.5.3a] [] []	NA		5.5.3b			
.5.4 Other disposal	5.5.4a] [] []	NA	71	5.5.4b			
(Check If additional information is provided on	Part IV-St	upplem	entai l	nformati	ion.)						

					, r			man,					
Important: Type	e or print; read i	nstructio	ns befo	re com	pleting for	·m.)				_	ı	Page 4	f of 5
& EPA		CHEMIC		PECIFIC	INFORM	ATIO!	N		(This spa	ce for yo	ur op	tlonal	U\$6.)
			(contir	,									
	OF THE CHEMIC	AL IN W		O OFF		OITA	NS	P. Cools		T			-
You may report of less than 1,00 checking ranges	0 pounds by under A 1 (Do			pounds/		2		B. Basis of Estimate		С.Тур		Treatn posal	nent/
not use both A.1	Repoi 1-10	rting Rar	1ges 500-999	_ En	ter nate	İ	(enter	code)	(enter code)			. 1	
Discharge to (enter location) 6.1.1 from Part II,	on number Section 1.)	[]	[]	[]	NA			6.1.1b			971(87	COGB	
Other off-site (enter location 6.2.1 from Part II,	e location on number Section 2.)	[]	f 1	[]	NA			6.2.1b		6.2.1	c M	1	7
Other off-site (enter location from Part II,		[]	[]	[]	20004			6.2.2b			c M	7	<u></u>
Other off-site (enter location 6.2.3 from Part II,	location on number Section 2.) 2	[]	[]	[]	.,,,,,,,,,,,			6 2 3h				7 7	7
[](Check if additional information is provided on Part IV-Supplemental information.)													
7. WASTE TREATMENT METHODS AND EFFICIENCY													
Not Appli	cabl;e (NA) - Chec cataç	k if no on lory	n-site tre	atment	is applied to	any	waste	stream c	ontaining th	e chemic	cal or	chem	icai
A. General Wastestream	B. Treatment Method			nge of uent		quent		E. Tre	atment clency	F.	Base Opera		
(enter code)	(enter code)			ncentrat iter code	lon (c	heck i plicab	f	Est	lmate	L	Data 1	? -	No
7.1a A	7.1b A 0 3	÷e	7.1c	3	7.1d	[]	7.16	95 %	7.1f	[][x]
7.2a A	7.2b A 0 3		7.2c	3	7.2d	[]	7.2e	85 %	7.2f	ſ	1 [x]
7.3a A	7.3ь АОЗ		7.3c	3	7.3d	[]	7.3e	95 %	7.3f	<u> </u>		x]
7.4a A	7.4b A 0 3		7.4c	3	7.4d]	7.4e	95 %	7.4f	[][x]
7.5a A	7. 5 b A 0 3		7.5c	3	7.5d	[]	7.5e	95 %	7.5f	[] [x]
7.6a	7.6ь		7.6c		7.6d	[_]	7.6e	%	7.6f	[] []
7.7a	7.7ь		7.7c		7.7d	[]	7.7s	%	7.7f] []
7.8a	7.8b		7.8c		7.8d	[]	7.8e	%	7.8f	[] []
7.9a	7.9b		7.9c		7.9d	[]	7.9e	%	7.9f	[] []
<u> </u>	7.10b		7.10c		7.10d]	7.10e	%	7.10f	[][]
	dditional information			·				***************************************					
Indicate action	PREVENTION: Of	he amoui	nt of the	chemic	N ON WAS	TE N	ININ from	IZATION the facility	. See the	Instruction	ons fo	or code	ed
A. Type of Modification (enter code)	xplanation of what in B. Quantity of Prior to Tre	he Chem	n to inci	Vastes					Index	D. Rea		or Act	
M	Current reporting year (pounds/year	Prior year (poun	ds/year)	-	Or percent (Check (+)	changer (-	Ŧ)		. 🗆		R		

(Important: Type or print; read i	nstructions be	efore com	pletii	ng forn	ı.)				P	age 5 of 5
GEPA PART IV. Use this section if you need a Number the lines used sequentially	EPA FO SUPPLEMEI dditional space / from lines in p	NTAL INF			_		(This spa	ice for y	our op	tional use.
ADDITIONAL INFORMATION ON (Part III, Section 5.3)	RELEASES OF	THE CH	EMIC	AL TO	THEE	NVIRONME	NT ON-	SITE		a
You may report releases of less than 1,000 pounds by checking ranges und (Do not use both A.1 and A.2)	er A.1.	A Reportin	elease i/yr)	A.2 Enter Estimate	B. Basis of Estimate (enter code in box		C.% F Sto	rom rmwater		
5.3 Discharges to receiving streams or water bodies 5.3.	5.3a	[][]	500-999		Compare	5.3	ovided)	5.3	c %
(Enter letter code from Part I Section 3.10 for stream(s) in 5.3.	5.3a	[][]	[]			5.3	_ь	5.3	c %
5.3	[][]	[]			5.3.	ь	5.3.	c %	
ADDITIONAL INFORMATION ON (Part III, Section 6)	TRANSFERS C	F THE C	IEMI	CAL IN	WAST	E TO OFF-S	SITE LO	CATION	S	
You may report transfers of less than 1,000 pounds by shooting	1 (otal Trans pounds/yr					asis of stimate	C. Ty		reatment/ osal
of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	Reporting Ra	A.2 Enter 9 500-999 Estimate] 1	(enter code in box provided)			code box vided)	
Olscharge to POTW fenter location number from Part II, Section 1,)] []]			6.1	_ь 🗌			
6.2. Other off-site location (enter location number from Part II, Section 2.)	[][]][]				6.2.	ьП	6.2.	οМ	
6.2. Other off-site location (enter location number from Part it, Section 2.)	[][]	[]	-44	-	6.2.			5.2.	сМ	
6.2. Other off-site location (enter location number from Part II, Section 2.)	[][]	[]				6.2		6.2	_c M	
ADDITIONAL INFORMATION ON A. General 8 Treatment	WASTE TREAT	MENT M	ETHO	DS AN	D EFF	ICIENCY (P	art III, S	ection :	7)	
A. General Wastestream (enter code In box provided) B. Treatment Method (enter code In box provided	infl Co	nge of uent ncentration iter code)	D.	Sequei Treatn (check applica	ntial nent? c if	E. Treati Efficie Estima	ment incy		Based Opera Data? Yes	ting
7a 7b	7	_c	7	a []	7e	%	7	_f [][]
7a 7b	7	_。 🗌	7	d []	7e	%	7	_f [][]
7a 7b	7	_c	7	d []	7e	%	7	<u>'[</u>][]
7a 7b	7	_c	7	d []	7e	%	7	_f [][]
7a	7	٥ 🗌	7	d []	7e	%	7	_f [][]
7a	7	_c	7	a []	7e	%	7	_f [][]
7a 7b	7	_。	7	d []	7e	%	7	f [][]
7a 7b	a					7e	%	7	_f [][]
/a	7	<u>.</u> _	7	d[]	7e	%	7	f [][]
PA Form 9350-1 (Rev.1-91) - Previous	s editions are of	bsolete.	11)()		<u> </u>	•	· · · · · · · · · · · · · · · · · · ·		

Warren Consolidated Industries, Inc. 1040 Pine Avenue Warren, Ohio 44483





JUN 27 1991

First Class Mail

EPCRA Reporting Center 470 L'Enfant Plaza East Suite 7103, SW Washington DC 20024 ATTN: Toxic Chemical Release Inventory



JAIL JESTED



ENV-0005

Form Apostived OMB Number: 2070-0093

pires: 11/92

Page 1 of 9

FORM R TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Environmental Protection Agency

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986. also known as Title III of the Superfund Amendments and Reauthorization Act

TRI FACILITY ID NUMBER

44481WRRNW1040P

Toxic Chemical, Calegory, or Generic Name

HYDROCHLORIC ACID

WHE	RE	TO	SE	ND	
COM	PI I	-15	n	-OF	NC

 EPCRA Reporting Center P.O. Box 23779

2. APPROPRIATE STATE OFFICE (See instructions in Apparatix F)

Enter "X" here if this is a revision

Washington, DC 20026-3779 ATTN: TOXIC CHEMICAL RELEASE INVENTORY

IMPORTANT: See instructions to determine when "Not

Applicable (NA)" boxes should be checked.

13-92-065-12336-4

PART I. FACILITY IDENTIFICATION |



SECTION 1. SECTION 2. TRADE SECRET INFORMATION Are you claiming the toxic chemical identified on page 3 trade secret?	02404S
REPORTING Yes (Answer question 2.2; X No (Do not answer 2.2; X Go to Section 3)	
19 92 If yes in 2.1, is this copy: Sanitized Unsanitized	

SECTION 3.	CERTIFICATION	(Important:	Read and sign afte	er completing all	form sections.)
------------	---------------	-------------	--------------------	-------------------	-----------------

, hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official

THOMAS O. SHEPKER

Signature

tomas

Date Signed

SECTION 4. FACILITY IDENTIFICATION

Facility or Establishment Name

WCI STEEL, INC. Street Address | 1040 PINE AVENUE SE City County WARREN 4.1 State Zip Code OHIO Mailing Address (if different from street address) NA City State 1 Zip Code

TRI Facility ID Number

44481WRRNW1040P

TRUMBULL

44483

PUT LABEL HERE

JUN 2 5 1993



United States Environmental Protection gency

EPA FORM R

PART I. FACILITY IDENTIFICATION INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER		aya	_	V.	3				
44481WRRNW1040P									
Toxic Chemical, Category, o	Ge	ASIS A	LOT	a					
HYDROCHLORIC	: A	CII)						

SECTION 4. FACILITY IDENTIFICATION (Continued)											
4.2	(important: check only one)										
4.3	Technical C	ontact					Telephone Number	(sucringe stes code)			
	THOMAS O. SHEPKER 216-841-8200										
4.4	Public Contact										
i i i i i i i i i i i i i i i i i i i			G. WALTERS		ī		216-841-8	206			
4.5	SIC Code (4-digit)	3312 a.	NA b	b c. d			e.	f.			
	Latitude Latitude						Longitude				
4.6	and	Degrees.	Minutes	Seconds	D	egnees	Minutes	Seconds			
	Longitude	41	13	30	80		48	55			
4.7 Dun & Bradstreet Number(s) (9 digits) a. 18-827-6935											
						b. NA					
4.8		cation Num	ber(s) (RCR/	•		a. OHDO	160409521				
		and the second s	(12 ch	naracters)	100 - 1 	b. NA					
4.9	Facility NPI	DES Permit N		-		a. 0H010	01079				
		(9 ct			· · · · · · · · · · · · · · · · · · ·	b. _{NA}					
4.10	Undergrout	nd injection t	Well Code (U	IC) I.D.	**************************************	a. _{NA}					
	Number(s)		(12	digits)	 	b.					
SECT	SECTION 5. PARENT COMPANY INFORMATION										
£ 4	Name of Parent Company										
3.1	5.1 X NA										
5.2	Parent Company's Du	in & Bradstreet Numb)er								
1.4	X NA	(9 digits)									

\$EPA

ited States .vironmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION

TRI FACILITY ID NUMBER	
44481WRRNW1040	P
Toxic Cherric⊐:. Category, or Ger	eric Name
Hydresalorie Ad	cid

SECT	ION 1. TOXIC CHE	MICAL IDENTITY	(Important: DO NOT co	omplete this a Section 2 below.)
1.1	CAS Number (Important: Enti	er only one number exactly as it appe	ars on the Section 313 list. Enter c	ategory code if reporting a chemical category.)
	7647-01-0			
1.2	Toxic Chemical or Chemical C	ategory Name (Important: Enter only	one name exactly as it appears or	the Section (2) dist.)
	Hydrochloric A	cid		
1.3	Generic Chemical Name (Impo	ortant: Complete only if Part I, Secti	on 2.1 is checked "yes." Generic N	ame must be structurally descriptive.)
· · · · · · · · · · · · · · · · · · ·				
SECT		OMPONENT IDENTITY	section if you complet	e Section 1 above.)
2.1	Generic Chemical Name Provid	ed by Supplier (Important: Maximum	of 70 characters, including numbers	s.letters, spaces, and punctuation.)
SEAT	10110 1071117170			
ECI	(Important: CI	AND USES OF THE To	OXIC CHEMICAL AT	THE FACILITY
3.1	Manufacture the toxic chemical:	a. Produce b. Import	<u>lf pr</u> c. [d. [e. [f. [For on-site use/processing For sale/distribution As a byproduct As an impurity
3.2	Process the toxic chemical:	a. As a reactant	c. [ion component d. [As an article component Repackaging
3.3	Otherwise use the toxic chemical:	a. As a chemica	t processing aid c. [Ancillary or other use
CTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR				
4.1		o-digit code from instru	ction package.)	

\$EPA</u>

EPA FORM R

United States

nvironmental Protection
gency

TRI FACILITY ID NUMBER	
44481WRRNW104	OP
Toxic Chemical, Category, or	Generic Name
Hydrochloric	Acid

SECT	ION 5. RELEASES OF THE TOXIC CH	IEMICAL TO THE ENVIR	ONMENT ON-	5: TE
		A. Total Release (pounds/ year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter coc.	C. 5 From Stormwater
5.1	Fugitive or non-point air NA emissions	840	Е	
5.2	Stack or point air NA emissions	61,000	М	
5.3	Discharges to receiving streams or water bodies (enter one name per box)			
5.3.1	Stream or Water Body Name			
Mahor	ning River	16	0	100
5.3.2	Stream or Water Body Name			
N/A	•			
5.3.3	Stream or Water Body Name			
5.4	Underground injections on-site			
5.5	Releases to land on-site			
5.5.1	Landfill X NA			
5.5.2	Land treatment/ application farming X NA			
5.5.3	Surface impoundment X NA			
5.5.4	Other disposal X NA			
	Check here only if additional Section	ı 5.3 information is provi	ided on page 5	of this form.



United States ironmental Protection Agency

EPA FORM R

-	rage 5 01 s
	TRI FACILITY ID NUMBER
	44481WRRNW1040P
l	Toxic Chemical, Category, or Generic Name
	Hydrochloric Acid

	NAL INFORMATION NMENT ON-SITE	ON RELEASES OF THE	TOXIC CHEM	ICAL TO THE
5.3 Discharges to streams or war (enter one name	er bodies	A. Total Release (pounds/ year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3. Stream or Wa	ter Body Name			
	ter Body Name			
5.3. Stream or Wa	ler Body Name			
SECTION 6. TRANSFER	S OF THE TOXIC C	HEMICAL IN WASTES TO	OFF-SITE LO	CATIONS
6.1 DISCHAR	GES TO PUBLICLY	OWNED TREATMENT W	ORKS (POTW)
6.1.A Total Quantity Train	nsferred to POTWs	and Basis of Estimate		
6.1.A.1 Total Transfers (pound (enter range code or es	s/year) stimate)	6.1.A.2 Basis of Estimat (enter code)	(8	
N/A		·		
6.1.B POTW Name and L	ocation Information	1		
6.1.B. POTW Name		6.1.B. POTW Name		
Street Address		Street Address		•
City	County	City	County	
State	Zip Code	State	Zip Code	
fadditional pages of Pa	and indicate which	d/or 6.1 are attached, inc Part II, Sections 5.3/6.1	page this is, h	ere.

EPA FORM R

United States
vironmental Protection

	290000
TRI FACILITY ID NUMBER	
44481WRRNW104	OP
Toxic Car = result Category, or Ge	meric Name
	· · · · · · · · · · · · · · · · · · ·
Hydrochloric	Acid

	and the second s					
OPOTION CO TRANSPORTA DE AMILIA COMO						
SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS						
6.2. 1 Off-site EPA identification Number (RCRA OHD020273819	ID No.)					
Off-Site Location Name Chemical Wast	e Management,	Inc.				
Street Address					<u> </u>	
3956 State Ro	ute 412					
Vickery		Col	inty	Sano	lusky	
State Ohio Zho Code 43	464	Is location under control of facility or parent company		ıg	Yes X No	
A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)		C. Ty	pe of .Wa cycling/E	aste Treatment/Disposal/ nergy Recovery (enter code)	
1. 6700	1. M		1.	M 71	l	
2. NA	2.		2.	М		
3.	3.		3.	М		
	4.		4.	M		
SECTION 6.2 TRANSFERS TO	SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS					
		SHE FOCKHOIAS				
Off-site EPA Identification Number (RCRA		SILE LOCATIONS				
6.2. 2 Off-site EPA Identification Number (RCRA PAD004835146		SHE LOCATIONS				
6.2. 2 Off-site EPA Identification Number (RCRA PAD004835146 Off-Site Location Name Mill Services	ID No.)	SHE LOCATIONS				
6.2. 2 Off-site EPA Identification Number (RCRA PAD004835146 Off-Site Location Name Mill Services Street Address R.D. 1, Box 135A	ID No.)	SHE LOCATIONS				
6.2. 2 Off-site EPA Identification Number (RCRA PAD004835146 Off-Site Location Name Mill Services Street Address R.D. 1, Box 135A City Yukon	ID No.)		inty ·	West	Moreland	
6.2. 2 Off-site EPA Identification Number (RCRA PAD004835146 Off-Site Location Name Mill Services Street Address R.D. 1, Box 135A City	ID No.)		reportir		Moreland Yes X No	
Off-site EPA Identification Number (RCRA PAD004835146	ID No.)	ls location under control of facility or parent company	reportir?	ng pe of Wa		
Off-site EPA Identification Number (RCRA	ID No.) Inc. B. Basis of Estimate	ls location under control of facility or parent company	reportir?	ng pe of Wa	Yes X No ste Treatment/Disposal/ inergy Recovery (enter code)	
Off-site EPA Identification Number (RCRA PAD004835146 Off-Site Location Name Mill Services Street Address R.D. 1, Box 135A City Yukon State Zip Code PA 1569 A. Total Transfers (pounds/year) (enter range code or estimate)	D No.) Inc. B. Basis of Estimate (enter code)	ls location under control of facility or parent company	C. Ty	ng pe of Wa cycling/E	Yes X No ste Treatment/Disposal/ inergy Recovery (enter code)	
Off-site EPA Identification Number (RCRA PAD004835146 Off-Site Location Name Mill Services Street Address R.D. 1, Box 135A City Yukon State PA Zip Code PA 1569 A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	ls location under control of facility or parent company	C. Ty	ng pe of Wa cycling/E M 61	Yes X No ste Treatment/Disposal/ inergy Recovery (enter code)	
Off-site EPA Identification Number (RCRA PAD004835146 Off-Site Location Name Mill Services Street Address R.D. 1, Box 135A City Yukon State PA I569 A. Total Transfers (pounds/year) (enter range code or estimate) 1. 18,000 NA	B. Basis of Estimate (enter code) 1. M	ls location under control of facility or parent company	C. Tyn Re	pe of Wa cycling/E	Yes X No ste Treatment/Disposal/ inergy Recovery (enter code)	

If additional pages of Part II, Section 6.2	are attached, indicate the total number of pages in this
box 2 and indicate which Part II, Sec	tion 6.2 page this is, here. 1 (example: 1, 2, 3, etc.)

EPA FORM R

United States Environmental Protection Agency

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID N	UMBER
44481WRR	NW1040P
Toxic Chemical, Co	Appry, or Generic Name
Hydrock	ric Acid

Off-Site Location Name Clay Cleveland Cuyahoga	
Eaglebrook of Ohio, Inc. Street Address	
Street Address. City Cleveland Cuyahoga Cuyahoga State Ohio Zip Code 44110 Is location under control of reporting Yes X A Total Transfers (pounds/year) B. Basis of Estimate (enter code) (enter code) 1. 36,000 1. M 1. M 93 2. NA 2. 2. M 3. 3. 3. M 4. 4. M SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS 6.2. Off-site EPA Identification Number (RCRA ID No.) NA NA Na Na Na Na Na Na	mon-
Cleveland Cleveland Cleveland Cuyahoga State Ohio A Total Transfers (pounds/year) (enter range code or estimate) B. Basis of Estimate (enter code) C. Type of Waste Treatment/Osposal Recycling/Energy Recovery (enter code) 1. M 1. M 93 2. NA 2. M 3. 3. M 4. 4. M SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS 6.2. Off-site EPA Identification Number (RCRA ID No.) NA County Cuyahoga Cuyahoga Cuyahoga Cuyahoga Cuyahoga Cuyahoga Cayahoga Cuyahoga Cuyahoga Yes X A Total Transfers (pounds/year) Facility or parent company? C. Type of Waste Treatment/Osposal Recycling/Energy Recovery (enter code) Recycling/Energy Recovery (enter code) A Total Transfers (pounds/year) S. Basis of Estimate (enter code) C. Type of Waste Treatment/Osposal Recycling/Energy Recovery (enter code) A Total Transfers (pounds/year) S. Basis of Estimate C. Type of Waste Treatment/Osposal Recycling/Energy Recovery (enter code) A Total Transfers (pounds/year) S. A Total Transfers (pounds/year) S. Basis of Estimate Cuyahoga Cuyahoga Cuyahoga Yes X A Total Transfers (pounds/year) S. Basis of Estimate C. Type of Waste Treatment/Osposal Recycling/Energy Recovery (enter code) C. Type of Waste Treatment/Osposal Recycling/Energy Recovery (enter code) C. Type of Waste Treatment/Osposal Recycling/Energy Recovery (enter code) C. Type of Waste Treatment/Osposal Recycling/Energy Recovery (enter code) C. Type of Waste Treatment/Osposal Recycling/Energy Recovery (enter code) C. Type of Waste Treatment/Osposal Recycling/Energy Recovery (enter code) C. Type of Waste Treatment/Osposal Recycling/Energy Recovery (enter code) C. Type of Waste Treatment/Osposal Recycling/Energy Recovery (enter code)	
Cleveland Cuyahoga State Ohio Zp Code 44110 Is location under control of reporting facility or parent company? A Total Transfers (pounds/year) B. Basis of Estimate (enter range code or estimate) C. Type of Waste Treatment/Disposal Recycliny-Energy Recovery (enter code) 1. 36,000 1. M 1. M 93 2. NA 2. 2. M 3. 3. M 4. 4. M SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS 6.2. Off-site EPA Identification Number (RCRAID No.)	
Ohio 44110 facility or parent company? A Total Transfers (pounds/year) B. Basis of Estimate (enter code)- 1. 36,000 1. M 1. M 93 2. NA 2. 2. M 3. 3. M 4. 4. M SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS 6.2. Off-site EPA Identification Number (RCRA ID No.) NA	
fenter range code or estimate) (enter code)- Recycling/Energy Recovery (enter code)- 1. 36,000 1. M 1. M 93 2. NA 2. M 3. M 3. 3. M 4. M SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS 6.2. Off-site EPA Identification Number (RCRA ID No.) NA	No
2. NA 2. 2. M 3. 3. 3. M 4. 4. M SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS 6.2. Off-site EPA Identification Number (RCRA ID No.)	
3. 3. 3. M 4. 4. 4. M SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS 6.2. Off-site EPA Identification Number (RCRA ID No.)	
SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS 6.2. Off-site EPA Identification Number (RCRA ID No.) NA	
SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS 6.2. Off-site EPA Identification Number (RCRA ID No.) NA	
SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS 6.2. Off-site EPA Identification Number (RCRA ID No.) NA	
6.2. Off-site EPA Identification Number (RCRA ID No.) NA	
NA NA	
Off-Sile Location Name	
Street Address	
Charal	
County	
State Zip Code Is location under control of reporting facility or parent company? Yes	No
A. Total Transfers (pounds/year) (enter range code or estimate) B. Basis of Estimate C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)	
1. 1. 1. M	xde)
2. 2. M	xde)
3. 3. M	ode)
4. 4. M	ode)

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box [] and indicate which Part II, Section 6.2 page this is, here. [2] (example: 1, 2, 3, etc.)

EPA FORM R

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER 44481WRRNW1040P Toxic Chemical, Category, or Generic Name

Hydrochloric Acid

SECTION 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY							
Not Applicable (NA) - Check here if <u>no</u> on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.							
a. General Waste Stream (enter code)	b.	Waste Treatment Method((enter 3-character code(s)	s) Sequence	c. Range of Influent Concentration	d . Waste Treatment Efficiency Estimate	e. Based on Operating Data?	
7A.1a	7A.1b	1 A03	2	7A.1c	7A.1d	7A.1e	
Α .	6	7	8	2	85 %	Yes No	
7A.2a	7A.2b	1 A03	2	7A.2c	7A.2d	7A.2e	
•	6	7	8	2	95 %	Yes No	
7A.3a	7A.3b	1 A03	2	7A.3c	7A.3d	7 A .3e	
A	6	7	8	2	95 %	Yes No	
7A.4a	7A:4b	1 A03	2	7A.4c	7A.4d	7A.4e	
A	6	7	8	2	95 %	Yes No	
7A.5a	7A.5b	1 A03	2	7A.5c	7A.5d	7A.5e	
A	6	7	5 8	2	98 %	Yes No	
-							

If additional copies of page 7 are attached, indicate the total number of pages in this

box

EPA FORM R

United States
Environmental Protection
Agency

TRI FACILITY ID NUMBER	
44481WRRNW10	40P
Toxic Chemical, Category, or	Generic Name
Hydrochloric	Acid

SECTION	SECTION 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY							
×	Not Applicable (NA) - Check here if <u>no</u> on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.							
a. General Waste Stream (enter code)		Waste Treatment Method [enter 3-character code(s)	(s) Sequence	c. Range of influent Concentration	d . Waste Treatment Efficiency Estimate	e. Based on Operating Data?		
7A.1a	7A.1b	1 C11	2	7A.1c	7A.1d	7A.1e		
W	3	4	5	2	1000	Yes No		
	6	7	8	2	100%	[x]		
7A.2a	7A.2b	1	2	7A.2c	7A.2d	7A.2e		
NA	3	4	5			Yes No		
	6	7	8		%			
7A.3a	7A.3b	1	2	7A.3c	7A.3d	7A.3e		
	3	4	5			Yes No		
	6	7	8		%			
7A.4a	7A.4b	1	2	7A.4c	7A.4d	7A.4e		
	3	4	5			Yes No		
	6	7	8		%			
7A.5a	7A.5b	1	2	7A.5c	7A.5d	7A.5e		
	3	4	5		`	Yes No		
	6	7	8		%			
						,		

								nber o			
			e whi					e: 1, 2,			



EPA FORM R

United States
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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

44481WRRNW1040P

Toxic Chemical, Category, or Generic Name

Hydrochloric Acid

SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES					
Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.					
Energy Recovery Methods [enter 3-character code(s)]					
1 3 4					
SECTION 7C. ON-SITE RECYCLING PROCESSES					
Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.					
Recycling Methods [enter 3-character code(s)]					
1 R40 2 NA 3 5					
6 7 8 9 10					



United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

44481WRRNW1040P

Chemical, Category, or Generic Name

Hydrochloric Acid

	antity estimates can be reported up to two significant figures.	Column A 1991 (pounds/year)	Column B 1992 (pounds/year)	Column C 1993 (pounds/year)	Column D 1994 (pounds/year)
8.1	Quantity released *	43,000	69,000	70,000	70,000
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site	0	0	0	0
8.4	Quantity recycled on-site	10,000,000	9,700,000	10,000,000	10,000,000
8.5	Quantity recycled off-site	88,000	36,000	38,000	40,000
8.6	Quantity treated on-site	1,100,000	1,100,000	1,100,000	1,100,000
8,7	Quantity treated off-site	20,000	18,000	25,000	25,000
8.8	Quantity released to the en- remedial actions, catastrop not associated with produc	hic events, or b	ne-time event <mark>s</mark>	16	
8.9	Production ratio or activity	Index		.79	
8.10	Did your facility engage the reporting year? If n				
	Source Reduction Activities [enter code(s)]	М	ethods to identify	Activity (enter cod	es)
8,10.1	NA	a.	b.	c.	
8.10.2	2	a.	b.	c.	
8,10,3		a.	b.	c.	
	•	a.	b.	c.	
8.10.4	6000 1				

WCI STEEL, INC. 1040 Pine Avenue Warren, Ohio 44483



JUN 2 5 1993

First Class Mail

FIRST CLASS MAIL



FROM

EPCRA REPORTING CENTER c/o COMPUTER BASED SYSTEMS INC. 4301 N. FAIRFAX DRIVE 6th FLOOR, SUITE 650 ARLINGTON, VA 22203

WCI Steel, Incorporated 1040 Pine Avenue, SE

Warren, OH 44483-6528

TRI FACILITY ID: 44481-WRRNW-1040P

DATE: 12/13/93

WCI STEEL INC. INC. 1040 PINE AVE. S.E. WAPREN, OH 44483

RELEASE VALUE REPORT

Document Control Nbr. Chemical Name 13-92-06512336-4-0H HYDROCHLORIC ACID	CAS Number 007647-01-0
5.1 Fugitive or non-point air emissions	840
5.2 Stack or point air emissions	61,000
5.3.A Discharges to water bodies MAHONING RIVER	16
5.3.B Discharges to water bodies NA	NA
5.4 Underground injections on-site	NA
5.5.1 Releases to landfill	NA
5.5.2 Releases to land treatment/application farming	NA
5.5.3 Releases to surface impoundment	на
5.5.4 Releases to other land disposal	NA
6.2.01 Transfer to other off-site CHEMICAL WASTE MGMT. INC	6,700
6.2.01 Transfer to other off-site CHEMICAL WASTE MGMT. INC	ИА
6.2.02 Transfer to other off-site_MILL SERVICES: INC.	18,000
6.2.02 Transfer to other off-site MILL SERVICES INC.	ИA
6.2.03 Transfer to other off-site EAGLEBROOK OF OHIO INC.	36,000
6.2.03 Transfer to other off-site EAGLEBROOK OF OHIO INC.	NA
6.2.04 Transfer to other off-site	NA
6.1.A Total quantity transferred to POTWs	NA NA COO
8.1.A Quantity released	43,000 69,000
8.1.B Quantity released 8 .C quantity released	70,000
8 .D Quantity released	70,000
8.2.A Quantity used for energy recovery on-site	. 0
8.2.B Quantity used for energy recovery on-site	0
8.2.C Quantity used for energy recovery on-site	Ŏ
8.2.D Quantity used for energy recovery on-site	Ŏ
3.3.A Quantity used for energy recovery off-site	0
8.3.B Quantity used for energy recovery off-site	0
8.3.C Quantity used for energy recovery off-site	0
8.3.D Quantity used for energy recovery off-site	. 0
8.4.A Quantity recycled on-site	10,000,000
8.4.B Quantity recycled on-site	9,700,000
8.4.C Quantity recycled on-site	10,000,000
8.4.D Quantity recycled on-site	10,000,000
8.5.A Quantity recycled off-site	88,000
8.5.B Quantity recycled off-site	36,000
8.5.C Quantity recycled off-site	38,000
8.5.D Quantity recycled off-site	40,000
8.6.A Quantity treated on-site	1,100,000
8.6.B Quantity treated on-site	1,100,000
8.6.C Quantity treated on-site	1,100,000 1,100,000
8.6.D Quantity treated on-site 8.7.A Quantity treated off-site	20,000
8.7.A Quantity treated off-site 8.7.B Quantity treated off-site	18,000
8.7.C Quantity treated off-site	25,000
8 7.D Quantity treated off-site	25,000
{ Quantity released from catastrophic/remedial action	16
8.9 Production ratio or activity index	. 79



June 23, 1992

EPCRA Reporting Center 470 L'Enfant Plaza East Suite 7103 SW Washington, D.C. 20024

Dear Sirs:

Enclosed is the Form R Report for WCI Steel, Inc.. Our facility ID number is 44481WRRNW1040P.

In previous years, the report with this facility ID number was filed under Warren Consolidated Industries, Inc. On November 29, 1991, Warren Consolidated Industries, Inc. officially changed the company name to WCI Steel, Inc. There was no change in the ownership of the company.

Please update your computer files to reflect this name change.

Sincerely,

Thomas O. Stepker

Manager

Environmental Control

TOS/yt

13-91-055-04168-5

13-91-055-04175-0

Form Approved OMB Number: 2070-0093

val Expires: 11/92

Page 1 of 9

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

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Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

_	. 250 1 01					
1	TRI FACILITY ID NUMBER					
	44481WRRNW1040P					
l	Toxic Chemical, Category, or Generic Name					
	HYDROCHLORIC ACID					

WHE	RE	TO	SE	ND	
COM	PLI	ETE	D F	OR	MS:

1. EPCRA Reporting Center P.O. Box 23779 Washington, DC 20026-3779

2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)

Enter "X" here if this is a revision

ATTN: TOXIC CHEMICAL RELEASE INVENTORY

IMPORTANT: See instructions to determine when "Not

Applicable (NA)" boxes should be checked.

13-91-055-04170-9

PART I. FACILITY IDENTIFICATION IN

SECTION 1.	SECTION 2. TRADE SECRET IN	FORMATION
REPORTING YEAR	2.1 Yes (Answer question 2.2; Attach substantiation forms)	x No (Do not answer 2.2; Go to Section 3)
19 <u>91</u>	2.2 If yes in 2.1, is this copy:	Sanitized Unsanitized

SECTION 3.	CERTIFICATION	(Important: Read and sign after completing all form se	ا مسمئفم
		the state of the s	ctions.)

ereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official

THOMAS O. SHEPKER

MANAGER ENVIRONMENTAL CONTROL

Signature

Date Signed

6/18/92

SECTION 4. FACILITY IDENTIFICATION			
Facility or Establishment Name	TRI Facility ID Number		
WCI STEEL, INC.	44481WRRNW1040P		
Street Address	44401WIddW1040F		
1040 PINE AVENUE SE			
City	County		
4.1 WARREN	TRUMBULL		
State	Zip Code		
OHIO OHIO	44483		
Mailing Address (If different from street address)			
NA			
City	-		
	PUT LABEL HERE		
State Zip Code	 		

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United States rvironmental Protection Jency

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PART I. FACILITY IDENTIFICATION INFORMATION (CONTINUED)

	RATE OF THE PARTY	_ Lage 5 Ot 6
1	TRI FACILITY ID NUMBER	
	44481WRRNW1	040P
1	Taxic Chemical, Category, o	r Generic Name
ı	HYDROCHLORIC	ACID

idilida. gida.	This report contains information for: (Important: check only one) a. X An entire facility b. Part of a facility							of a facility	
4.3	Technical Contact Name						Telephone Number (include area code)		
	THOMAS O. SHEPKER					216-841-8200			
4.4	Public Contact Name					Telephone Number (include area code)			
	010.00		JACK G. WALTE	ERS	1		216-841-82	206 ·	
4.5	SIC Code (4-digit) 3312 b. NA - c. d.				e.	f.			
	Latitude		Laitude				Longitude		
4.6	and	Degrees	Minutes	Seconds	C	egrees	Minutes	Seconds	
	Longitude	41	13	30		80	48	55	
.7	Dun & Bradstreet Number(s) (9 digits)					a . 18-82	7-6935		
	b. NA					b. NA			
4.8	EPA Identif	ication N	umber(s) (RCR			a. OHD060409521			
	(12 characters) b. N					b. NA	NA		
4.9	Facility NPI		it Number(s)			а. оно 10	1079		
		(9	characters)			b. NA		,	
4.10	Undergroup	nd Injectio	on Well Code (U			a. NA			
	Number(s)		(12	digits)		b.			

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION

l	TRI FACILITY ID NUMBER
	44481WRRNW1040P
l	Toxic Chemical, Category, or Generic Name
L	HYDROCHLORIC ACID

1.1	CAS Number (Important: Ente		section if you cor	IOT complete this nplete Section 2 below.)
lab.	One Number (important. Line	r only one number exactly as it appe		Enter category code if reporting a chemical category.)
	7647-01-0			
1.2	Toxic Chemical or Chemical Ca	ategory Name (Important: Enter onl	y one name exactly as it ap	pears on the Section 313 list.)
1.2	HYDROCHLORIC AC			
	Generic Chemical Name (Impo	riant: Complete only if Part I, Sect	ion 2.1 is checked "yes." Go	eneric Name must be structurally descriptive.)
1.3				· · · · · · · · · · · · · · · · · · ·
		OMPONENT IDENTITY	section if you co	NOT complete this mplete Section 1 above.)
2.1	Generic Chemical Name Provide	d by Supplier (Important: Maximum	of 70 characters, including	numbers, letters, spaces, and punctuation.)
SECTION	ON 3. ACTIVITIES (Important: Ch	AND USES OF THE T	OXIC CHEMICAI	L AT THE FACILITY
3.1	Manufacture the toxic chemical:	a. Produce b. Import		If produce or import: c. For on-site use/processing d. For sale/distribution e. As a byproduct f. As an impurity
3.2	Process the toxic chemical:	a. As a reactant	-	c. As an article component d. Repackaging
3.3	Otherwise use the toxic chemical:	a. As a chemica	al processing aid	c. Ancillary or other use
⊂≂СТІС	ON 4. MAXIMUM AI	MOUNT OF THE TOXI	C CHEMICAL O	N-SITE AT ANY TIME

United States
Environmental Protection
Agency

EPA FORM R

TRI FACILITY ID NUMBER
44481WRRNW1040P
Toxic Chemical, Category, or Generic Name
HYDROCHLORIC ACID

SECTI	ION 5. RELEASES OF THE T	OXIC CH	IEMICAL TO THE ENVIR	ONMENT ON-S	SITE
			A. Total Release (pounds/ year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1	Fugitive or non-point air emissions	NA	840	E	
5.2	Stack or point air emissions	□ NA	36,000	E	
5.3	Discharges to receiving streams or water bodies (enter one name per box)				
5.3.1	Stream or Water Body Nan	ne			
NA		ļ		,	
5.3.2	Stream or Water Body Nar	ne			
		,			
5.3.3	Stream or Water Body Nan	ne			
		;			
5.4	Underground injections on-site	XNA			
5.5	Releases to land on-site				
5.5.1	Landfill	XNA			
5.5.2	Land treatment/ application farming	X NA			
5.5.3	Surface Impoundment	X NA			
5.5.4	Other disposal	XNA	- un transition in the second		
	Check here only if additional	l Section	ı 5.3 information is provi	ided on page 5	of this form.

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

-	raye Juli
	TRI FACILITY ID NUMBER
	44481WRRNW1040P
	Toxic Chemical, Category, or Generic Name
	HYDROCHLORIC ACID

			motod	ILONIO HOLD
SECTION 5.3	ADDITIONAL INFORMATION ENVIRONMENT ON-SITE	ON RELEASES OF THE	TOXIC CHEM	IICAL TO THE
5.3 strea	narges to receiving ms or water bodies rone name per box)	A. Total Release (pounds/ year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3 Strea	am or Water Body Name			
NA				
5.3 Strea	am or Water Body Name			
5.3Strea	am or Water Body Name			
SECTION 6. TF	RANSFERS OF THE TOXIC CH	HEMICAL IN WASTES TO	O OFF-SITE LC	CATIONS
6.1	DISCHARGES TO PUBLICLY	OWNED TREATMENT W	ORKS (POTW)
	antity Transferred to POTWs			,
6.1.A.1 Total Trans		6.1.A.2 Basis of Estima (enter code)	te	
NA		·		3 2000 11 30 10 10 10 10 10 10 10 10 10 10 10 10 10
6.1.B POTW Na	me and Location Information			
6.1.B	ame »	6.1.B. POTW Name		
Street Address		Street Address		
City	County	City	County	
State ·	Zip Code	State	Zip Code	
paq lanoitibir des in this کوسر	ges of Part II, Sections 5.3 an	d/or 6.1 are attached, in Part II, Sections 5.3/6.1	dicate the total	number of

(example: 1, 2, 3, etc.)

EPA FORM R

United States nvironmental Protection Agency

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

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TRI FACILITY ID NUME	SEH
44481WRRNW	/1040P
Toxic Chemical, Catego	ry, or Generic Name
WAND OCH OF	TO LOTE

Proceedings of the control of the co		2000	Residence and the second secon
SECTION 6.2 TRANSFERS		-SITE LOCATIONS	
6.2. 1 Off-site EPA Identification Number (F	CRAID No.)		
OHD020273819 Off-Sile Location Name	,	· · · · · · · · · · · · · · · · · · ·	
	ASTE MANAGEMENT,	INC.	·
Street Address 3956 STATE ROUT	TE 412	E PUNDADE PUNDADEN PUNDADEN	
City		C	ounty
VICKERY			SANDUSKY
State OHIO Zip Code 43	3464	Is location under control facility or parent compan	
A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimat (enter code)	8	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. 5900	1. M		1. M ⁷¹
2. NA	2.		2. M
3.	3.	•	3. M
	A		
	4.		4. M
		and the second s	
SECTION 6.2 TRANSFERS		-SITE LOCATIONS	1.4-141
6.2.2 Off-site EPA Identification Number (R	TO OTHER OFF	-SITE LOCATIONS	. 141
Off-site EPA Identification Number (O	TO OTHER OFF	-SITE LOCATIONS	
6.2.2 Off-site EPA Identification Number (R PAD004835146 Off-Site Location Name MILL SERVI	TO OTHER OFF	-SITE LOCATIONS	
Off-site EPA Identification Number (R PAD004835146 Off-Site Location Name MILL SERVI Street Address R.D. 1, BOX 1354	TO OTHER OFF	-SITE LOCATIONS	1-7-
6.2.2 Off-site EPA Identification Number (R PAD004835146 Off-Site Location Name MILL SERVI	TO OTHER OFF		Dunty WEST MORELAND
Off-site EPA identification Number (RPAD004835146 Off-Site Location Name MILL SERVI Street Address R.D. 1, BOX 135A City YUKON State PA PA	TO OTHER OFF		Dunty WEST MORELAND of reporting
Off-site EPA Identification Number (R PAD004835146	TO OTHER OFF	Is location under control facility or parent compan	Dunty WEST MORELAND of reporting
Off-site EPA identification Number (RPAD004835146 Off-Site Location Name MILL SERVI Street Address R.D. 1, BOX 1354 City YUKON State PA A. Total Transfers (pounds/year)	TO OTHER OFF CRAID No.) CCES, INC. A 15698 B. Basis of Estimate	Is location under control facility or parent compan	WEST MORELAND of reporting y? C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
Off-site EPA Identification Number (RPAD004835146 Off-Site Location Name MILL SERVI Street Address R.D. 1, BOX 135A City YUKON State PA A. Total Transfers (pounds/year) (enter range code or estimate)	TO OTHER OFF ICRAID No.) ICES, INC. A 15698 B. Basis of Estimate (enter code)	Is location under control facility or parent compan	WEST MORELAND of reporting y? C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code) 1. M 61
Off-site EPA Identification Number (RPAD004835146 Off-Site Location Name MILL SERVI Street Address R.D. 1, BOX 135A City YUKON State PA A. Total Transfers (pounds/year) (enter range code or estimate) 1. 19,600	TO OTHER OFF CRAID No.) ICES, INC. B. Basis of Estimate (enter code) 1. M	Is location under control facility or parent compan	west moreland of reporting y? C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code) 1. M 61 2. M
Off-site EPA Identification Number (R PAD004835146 Off-Site Location Name MILL SERVI Street Address R.D. 1, BOX 135A City YUKON State PA A. Total Transfers (pounds/year) (enter range code or estimate) 1. 19,600 2. NA	TO OTHER OFF ICRAID No.) ICES, INC. B. Basis of Estimate (enter code) 1. M 2.	Is location under control facility or parent compan	WEST MORELAND of reporting y? C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code) 1. M 61

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box 2 and indicate which Part II, Section 6.2 page this is, here. 1 (example: 1, 2, 3, etc.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

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TRI FACILITY ID MUMBER
44481WRRNW1040P
Taxic Chemical, Category, or Generic Name
HYDROCHLORIC ACID

SECTION 6.2 TRANSFERS TO	OTHER OFF-	SITE LOCATIONS			
6.2 3 Off-site EPA Identification Number (RCRA III OHD000724088) No.)				
Off-Site Location Name		***************************************			
EAGLEBROOK OF	OHIO, INC.				
Street Address 38 17,877 ST. CLAIR AVE	NUE				
CLEVELAND		County	CUYAHOGA		
State OHIO ZpCode 441	10	Is location under control of refacility or parent company?	porting	Yes X] No
A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)		C. Type of Waste Tre Recycling/Energy R	almenl/Disposal/ ecovery (enter co	de)
1. 88,000	1. M		1. M 93		
2. NA	2.		2. M		
3.	3.		3. M		
	4.		4. M		
SECTION 6.2 TRANSFERS TO	OTHER OFF-	SITE LOCATIONS			
6.2. Off-site EPA Identification Number (RCRA II	D No.)				
Off-Site Location Name				•	
Street Address					-
City		Count	y ::::	,	
State Zho Code		Is location under control of r facility or parent company?	eporting	Yes	/xxde)
A. Total Translers (pounds/year). (enter range code or estimate):	B. Basis of Estimate (enter code)		C. Type of Waste Tre Recycling/Energy F	almenVDisposal/ Recovery (enter co	ode)
1.	1.		1. M		
2.	2.		2. M		
3.	3.		3. M		
	4.		4. M		

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box 2 and indicate which Part II, Section 6.2 page this is, here. 2 (example: 1, 2, 3, etc.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY IO NUMBER

44481WRRNW1040P

Toxic Chemical, Category, or Generic Name

HYDROCHLORIC ACID

neral iste Stream iter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]				c. Range of Influent Concentration	d . Waste Treatment Efficiency Estimate	e. Based on Operating Data?	
A.1a	7A.1b	1	A03	2	7A.1c	7A.1d	7A.16)
A	3	4		5			Yes	No
	6	7		8	2	85 %		Х
4.2a	7A.2b	1	A03	2	7A.2c	7A.2d	7A.2	В
	3	4		5			Yes	No
,	6	7		8	2	95 %		Х
\.3a	7A.3b	1	A03	2	7A.3c	7A.3d	7A.3	e
	3	4		5		***************************************	Yes	No
7	6	7		8	2	95 %		X
.4a	7A.4b	1 [A03	2	7A.4c	7A.4d	7A.4	Θ.
1	3	4		5			Yes	No
•	6	7		8	2	95 %		X
5a	7A.5b	1	A03	2	7A.5c	7A.5d	7A.5	9
	3	4		5			Yes	No
	6	7		8	2	95 %		X

EPA FORM R

United States Environmental Protection \gency

Ī	RI FACILITY ID NUMBER
	44481WRRNW1040P
ī	oxic Chemical, Category, or Generic Name
	HYDROCHLORIC ACTD

☐ No	ot Applicabl	e (NA)	 Check h waste s 	ere If <u>no</u> on- tream contai	site waste treatme	ent is applied emical or che	d to any emical ca	ategory
General Waste Stream (enter code)			reatment Method character code(s		c. Range of Influent Concentration	d . Waste Treatment Efficiency Estimate	e. Based Operat	on ing Data?
7A.18	7A.1b	1	C11	2	7A.1c	7A.1d	7A.1e)
₩ .	3	4 [5	2	100 %	Yes	No
7A.2a	7A.2b	1		2	7A.2c	7A.2d	7A.2	<u> </u>
NA	3	4		5		%	Yes	No
7A.3a	7A.3b	7 _		8 2				
/A.3a	3	4 [5	7A.3c	7A.3d	7A.3 Yes	e No
	6	7		8		%		
7A.4a	7A.4b	1 [,	2	7A.4c	7A.4d	7A.4	e
	6	7] 5 <u> </u>		. %	Yes	No
7A.5a	7A.5b	1		2	7A.5c	7A.5d	7A.5	e
	3	4 [5		%	Yes	No
	6	7 _		8				



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United States Protection PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

44481WRRNW1040P

Toxic Chemical, Category, or Generic Name

HYDROCHLORIC ACID

SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES
X Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.
Energy Recovery Methods [enter 3-character code(s)]
1 2 3 4
SECTION 7C. ON-SITE RECYCLING PROCESSES
Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.
Recycling Methods [enter 3-character code(s)]
1 R40 2 NA 3 5
6 7 8 9 10

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

44481WRRNW1040P

Chemical, Category, or Generic Name

HYDROCHLORIC ACID

using	antity estimates can be reported up to two significant figures.	Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)	
8.1	Quantity released *	45,000	43,000	45,000	47,000	
8.2	Quantity used for energy recovery on-site	0	0	0	0	
8.3	Quantity used for energy recovery off-site	0	0	0	0	
3.4	Quantity recycled on-site	14,000,000	10,000,000	10,000,000	11,000,000	
3.5	Quantity recycled off-site	400,000	88,000	85,000	80,000	
3.6	Quantity treated on-site	1,100,000	1,100,000	1,100,000	1,100,000	
	Quantity treated off-site	30,000	20,000	20,000	30,000	
.9	Production ratio or activity i	ndev				
.10	Did your facility engage	In any source re	eduction activitie	.93 es for this chem	ical during	
.10	Did your facility engage the reporting year? If no Source Reduction Activities	in any source re t, enter "NA" in	Section 8.10.1 a	es for this chem and answer Sect	tion 8.11.	
	Did your facility engage the reporting year? If no	in any source re t, enter "NA" in	eduction activitie Section 8.10.1 a thods to Identify A	es for this chem and answer Sect ctivity (enter codes	tion 8.11.	
.10.1	Did your facility engage the reporting year? If no Source Reduction Activities [enter code(s)]	in any source re it, enter "NA" in Me	Section 8.10.1 a	es for this chem and answer Sect ctivity (enter codes	tion 8.11.	
.10.1 .10.2 .10.3	Did your facility engage the reporting year? If no Source Reduction Activities [enter code(s)]	In any source re it, enter "NA" in Me	thods to Identify A	es for this chem and answer Sect ctivity (enter codes c.	tion 8.11.	
.10.1	Did your facility engage the reporting year? If no Source Reduction Activities [enter code(s)]	In any source re it, enter "NA" in Me a.	thods to Identify A	es for this chem and answer Sect ctivity (enter codes	tion 8.11.	

WCI STEEL, INC. 1040 Pine Avenue Warren, Ohio 44483



JUN 3 0 1992

First Class Mail

EPCRA REPORTING CENTER 470,L'ENFANT PLAZA EAST SUITE 7103 SW WASHINGTON D.C. 20024

CERTIFIED MAIL
OP 22
REQUESTED
REQUESTED

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8	EPA .	J.S. Envi	Formental Prot	ection Agency				Publi colle	c reporting	g burden for this rmation is estimated to 34 hours per response,	
	TOXIC C	HEMIC	AL RELEAS	E INVENTO	RY REPO	RTING	FORI	M.		on infra 6 bas [asboure*	
	also known a	of the El	mergency Plan of the Superfu	ning and Commu and Amendments	inity Right- and Reauti	to-Know A nortzation	Act of 1 Act		8 <u>0</u> _025	349879-9- C	
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EF	A FORM		FACILIT					nu 35.==.	 //		
	R		IDENTIFICATION INFORMATION INF					Burde and	nington, D. M and to th Regulatory	C. 20460 Attn: TRI e Office of information Affairs, Office of	
								Mana Redu Wast	gement en ction Pro- lington, D. (Affairs, Office of ad Budget Paperwork oject (2070-0093), c. 20603.	
1.	l 1		e chemical identit question 1.2; ntlation forms.)	y on page 3 trade s [X] No (Do not a Go to questio		1.2 H	Yes" in Saniti	1.1, is this copy:	i	Reporting Year	
2. 0	ERTIFICATIO	N (Read	and sign after	completing all se	ections)						
oomp	by certify that i he lete and that the i	eve reviews	ed the attached d nd values in this r	ocuments and that, eport are accurate t	to the best of pased on reas	i my knowle onable estin	dge and nates us	belief, the submitting data available i	ed informat to the prepa	ion is true and rers of this report.	
Name	Raymond A.			management official	a i						
Signa	iture		1 50	2				Date signed	5-1	<u> </u>	
3. F	ACILITY IDEN		TION C	ours					25/	59	
	Facility or Estab	dishment h	Vame	ustries, In				SEND CO			
	Street Address		raacea ind	docties, In	1	P.O. E		NMENTAL P	ROTECT	ION AGENCY	
3.1	1040 Pin		WASH	INGTO	N, DC 2002						
	City Warren			County Trumbu	ATTN: TOXIC CHEMICAL RELEASE INVI						
İ	State			Zip Code	2			TE STATE OF	FICE (S	ee instructions	
	l Ohio										
	1	ains inform	nation for (Check	44483		Appen	dix E)	•			
3.2	This report conta		nation for (Check	Ma).	un entire facili		ъ. [Part of a facility.			
3.2	1	ct	·	Ma).	un entire facili		ъ. [Telephone Number	(include a	'ea code)	
<u> </u>	This report contains a	ct). Sher	pker	Ma).	un entire facili		ь. [(Include al		
3.3	This report contact Technical Contact Thomas 0 Public Contact Jack G.	ct). Sher Walter	pker	Ma).	un entire facili		ь. [Telephone Number (216) 841	(include as -8200 (include as		
3.3	This report contains a	Walter	pker	Ma).			ь. [Telephone Number (216) 841 Telephone Number	(Include as -8200 (Include as -8206		
3.3 3.4 3.5	The report contact Thomas 0 Public Contact Jack G. SIC Code (4 digits. 3312	Walter	pker r b.	c		ty i.	ь. [Telephone Number (216) 841 Telephone Number (216) 841 e. Longitude	-8200 (Include au -8206	ea code)	
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Page	2	of	6
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EPA FORM R PART II. OFF-SITE LOCATIONS TO WHICH TOXIC CHEMICALS ARE TRANSFERRED IN WASTES

(This	space	for	YOUR	optional	USE.)

1. PUBLICLY OWNED TREATMEN	NT WORKS (POTWs)	- под при в под при в под при в под при в под при в под при в под при в под при в под под под под под под под						
1.1 POTW name		1.2 POTW name						
N/A								
Street Address		Street Address						
City	County	City County						
State	7la	Ctore						
0.19.6	Zip	State	Zip					
2. OTHER OFF-SITE LOCATIONS	(DO NOT REPORT LOCATIONS 1	TO WHICH WASTES ARE SENT ONLY FOR RE	ECYCLING OR REUSE).					
2.1 Off-site location name		2.2 Off-site location name						
Four County Landfill		Adams Center Landfill						
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)						
IND 000780544		IND 078911146	,					
Street Address		Street Address						
Rural Rt. #4 P. O. B		4636 Adams Center Road						
City	County	City	County					
Rochester State	Fulton Zip	Fort Wayne	Allen Zip					
Indiana	46975	Indiana	· .					
Indiana Is location under control of reporting facility		Indiana Is location under control of reporting facility of	46806					
			- parent series					
	[]Yes [X]No		[] _{Yes} [X] _{No}					
2.3 Off-site location name		2.4 Off-site location name						
Mill Service, Inc. EPA Identification Number (RCRA ID. No.)		By Products [EPA Identification Number (RCRA ID. No.)						
PAD 004835146		OHD 000724088 Street Address						
		17877 St. Clair Avenue						
R.D. 1 Box 135A	County	City Clark Notified	County					
Yukon	West Moreland	Cleveland	Cuyahuga					
State	Zip	State	Zip					
Pennsylvania	15698	Ohio	44110					
is location under control of reporting facility	or parent company?	is location under control of reporting facility of	or parent company?					
	[]Yes [X]No		[] _{Yes} [X] _{No}					
2.5 Off-site location name		2.6 Off-site location name						
BFI Columbiana Landfi	11	Chemclear						
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)						
N/A		OHD 000724153						
Street Address		Street Address						
9960 S. Range Road		2900 Broadway						
Сну	County	City	County					
Salem	Columbiana	Cleveland	Cuyahoga					
State	Zip	State	Zip					
Ohio	44460	Ohio Is location under control of reporting facility (44110					
is location under control of reporting facility	or parent company?	is recation under control of reporting facility (a beneuit continuit.					
	[] _{Yes} [X] _{No}		[] _{Yes} [X] _{No}					
Ohnak Baratalan and Arab								
Check if additional pages of Part II are	attached, How many?							

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Page 3 of 5

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EPA FORM RPART III. CHEMICAL-SPECIFIC INFORMATION

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Ť.	CHEMICAL IDENTITY (Do not comple	te this s	ection if y	ou complete	Section 2.1						
1.1											
1.2	CAS Number (Enter the number exactly 7647-01-0	as it appa	ers on the :	313 list. Enter	NA if reporting a	chemical category.)					
	Chemical or Chemical Category Name (Enter the name exactly as it appears on the 313 list.)										
	Hydrochloric Acid										
1.4	Generic Chemical Name (Complete only if Part I, Section 1.1 is checked "Yes." Generic name must be structurally descriptive.) N/A										
	MIXTURE COMPONENT IDENTITY (Do not complete this section if you complete Section 1.)										
2.	Generic Chemical Name Provided by Suppli	¥ (Limit ti	he name to	a maximum of	70 characters (e.	g., numbers, letters,	spaces, punctuation).				
<u> </u>	l N/A										
3.	ACTIVITIES AND USES OF THE CH	MICAL	AT THE	FACILITY	Check all that	apply.)					
	Manufacture the chemical:			oduce or imp	port:						
3.1	a. Produc	•	C.	For on- use/pro	ste cessing	d.[]For sa					
	b. [] Import		€.	As a by	product	f.[]As an	impurity				
3.2	Process the chemical:	actant	ь.		rmulation		article				
3.2	f 1		- '	compor	W ATE	C.L Jcomp	onent				
	d. Repact Otherwise use As a cl	aging on	ry								
3.3	the chemical:		b.	Asam	anufacturing aid	e.[X]Ancita	ry or other use				
4. 8	MAXIMUM AMOUNT OF THE CHE	AICAL C	N-SITE	AT ANY TIN	AE DURING TH	E CALENDAR Y	FAR				
[0 6 (enter code)		7/2000								
£ C	RELEASES OF THE CHEMICAL TO	WE END	(100)		######################################						
<u> </u>	TEEEASES OF THE CHEMICAL TO	HE EN	INDIAM		Release	B. Basis of	TARTING A NARROTANES				
				(fbs/y		Estimate					
You 1.00	may report releases of less than 00 lbs. by checking ranges under A.1.			A.1_	A.2	(enter code					
(Do	not use both A.1 and A.2)		Repo	orting Range 1-499 500-1	F-41	,					
5.1	Fugitive or non-point air emissions	5.1a	,	111	15,000						
5.2	Stack or point air emissions	5.2a	1	<u> </u>	39,000	5,2b E					
		-	 	<u> </u>	33,000	3.20					
5.3	Discharges to receiving 5.3.1 A	5.3.1a	[]] N/A	5.3.16	C. % From Stormwater 5.3.1c N/A				
1	(Enter letter code from Part I Section 3. 10 for stream(s) in 5.3.2 the box provided.)	5.3.2a	[]]	5.3.2b	5.3.2c				
	5.3.3	5.3.3a	[]]	5.3.36	5.3.3c				
5.4	Underground Injection	5.4a		[][) N/A	5.4b					
5.5	Releases to land										
	5.5.1 On-site landfill	5.5.1a		[][] N/A	5.5.16					
	8.8.2 Land treatment/application farming	5.5.2a	[]	[][]	5.5.2b					
	5.5.3 Surface Impoundment	5.5.3a	[]	[][]	5.5.3b					
	5.5.4 Other disposal	5.5.4a	[]]	5.5.46					
[]	[Check if additional information is provided on Part IV-Supplemental information.]										

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EPA FORM

PART III. CHEMICAL-SPECIFIC INFORMATION (continued)

(This space for your optional use.)

8. TRANSFER	S OF TH	IE CHEMIC	AL IN W	ASTE 1	O OFF	-SITE	LOCA	TIOI	V \$							
You may report	transferi	s v checkina		A. To	tal Tran: (15s/yr	sfers			_	Basis o	f Estimat	•	C. Type	of Tr		ent/
ranges under A both A.1 and A	.1. (Do i .2)	not use		A.1 rting Rar	_	١.	A.2 Enter					·				
Oleahana	- DOTA		<u> </u>	1-499	500-999	-	stimat	*	↓	(enter	code)		[•	nter c	:0 de)	1
Olscharge t (enter loca 6.1.1 from Part I	[]	[]	[]		N/A			6.1.1b		A						
Other off-s fenter loca 6.2.1 from Part B	tion number , Section 2	, 2 .					N/A			6.2.1b			6.2.1c M			
Other off-s 6.2.2 fenter local from Part E										6.2.2b			5.2.2c	M	Ŧ	7
Other off-s (enter local 6.2.3 from Part it	te location tion number , Section 2	52.	[]		[]					6.2.3b						 1
6.2.3c M 6.2.3c M 6.2.3c M (Check if additional information is provided on Part IV-Supplemental Information.)																
7. WASTE TRE	EATMEN	T METHOD	SAND	EFFICIE	NCY											
A. General	8.	Treatment		C. Rai	nge of	\top	D. Sec				reatmen		F	. Bas	ed or	<u> </u>
Wastestream (enter code)	ı	Method (enter code)		Co.	uent ncentrat iter code		(ch	eatme neck h olicab	f		fficiency stimate	r'		Ope Data	eratin	g No
7.1a A	7.15	A 0 3		7.1c	3		7.1d	[]	7.1e	95	%	7.1f		1	[x]
7.2a A	7.2b	A 0 3		7.2c	3	7	7.2d]	7.28	85	%	7.2f	<u> </u>	<u> </u>	<u> </u>
7.3a A	7. 3 b	A 0 3		7. 3 c	3	7	7.3d	[]	7.3e	95	%	7.3f]	[x]
7.4a A	7.4b	A 0 3		7.4c	3	7	7.4d	[]	7.48	95	*	7.41	[]	[x]
7.5a A	7.5b	A 0 3		7.5c	3	7	7.5d	[)	7.5e	95	*	7.5f	[[x]
7.6a	7.6b	N/A		7.6c		7	7.6d	[]	7.60		%	7.6f	[]	
7.74	7.7b			7.7c		7	7.76	[]	7.7e		*	7.79	[]	[]
7.8a	7.85			7.8c		7	'.8d	[]	7.80		%	7.81	[]	[]
7.9a	7.96			7.9c		7	'.9d	[]	7.90		*	7.91	[]	[]
7.10a	7.10b			7.100		7	'.10d	[]	7.10e		%	7.10f	[]	[]
		information					mental	Infor	matio	n.)						
 OPTIONAL (Indicate active items and an 	ons taken	to reduce ti	he amou	nt of the	chemic	N ai bei	ng rele	ased	from	the fac	Mity. See	the	instruc	tlons	for c	oded
A. Type o Modific (enter	f ation	B. Qua	ntity of t	the Cher	nical in \	Waste sal)\$		C	. Inde:	K	D.	Reason (enter			1
		rep	rent orting ir (lbs/yr	Pri ye.			ude beloeu	ŧ								
M						 		<u>*</u>]		[1	R		
												-				اسجسس

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PART IV. SUPPLEMENTAL INFORMATION

Use this section if you need additional space for answers to questions in Part III. Number the lines used sequentially from lines in prior sections (e.g., 5.3.4, 6.1.2, 7

,		o as prior back	one (e.g., 5.3.4,	6.1.2, 7.11)					
ADDITIONAL INFORMATION (Part III, Section 5.3)	ON RELEASE	S OF THE CH	EMICAL TO TH	E ENVIRON	MENT ON	-SITE			
You may report releases of less 1,000 lbs. by checking ranges ul (Do not use both A.1 and A.2)	Reportin	A. Total Rele (lbs/yr) A.1 ng Ranges	A.2 Enter	B. Basis of Estima (enter cool in box	te de				
5.3 Discharges to receiving streams or water bodies 5.3	🗆 5.3	a[_][][]	Estimate	provided	C.% From Stormwater			
(Enter letter code from Part) Section 3.10 for stream(s) in 5.3 the box provided.)		_ a [] [] []		5.3 b	5.3c			
ADDITIONAL INFORMATION	5.3	_a[] [][]		5.3b	5.3e			
ADDITIONAL INFORMATION (Part III, Section 6)	UN TRANSFE			ASTE TO OF	F-SITE LO	CATIONS			
You may report transfers of less than 1,000 lbs. by checkle	,	A.Total Trans (lbs/yr	fers	B. Basis Estim		C. Type of Treatment/ Disposal			
ranges under A.1. (Do not use both A.1 and A.2)	Reportir	A.1 ng Ranges 1-499 500-999			ode ox led)	(enter code in box provided)			
6.1. Discharge to POTW (enter location number from Part I, Section 1.)		[][]		6.1b					
6.2. Other off-site location (enter location number from Part II, Section 2.)). [] [[][][]			6	.2c M			
Other off-site location (enter location number from Part I, Section 2.) Other off-site location][][]			6	.2c M			
6.2. [enter location number from Part II, Section 2.]					.2c M				
ADDITIONAL INFORMATION A. General B. Treatm	ON WASTE TR	REATMENT MI	ETHODS AND E	FFICIENCY	(Part III. S	Section 7)			
A. General B. Treatm Wastestream Method (enter code (enter co in box provided) in box pro	de	C. Range of Influent Concentration (enter code)	D. Sequential	E. Tr	satment liciency timate	F. Based on Operating Data? Yes No			
7b	7.	c	7d[] 7	9 %	7f[][]			
7a	7.	<u>• </u>	7d[] 7	e %	7f [] []			
7b	7.	<u> </u>	7d [7	.e %	7f [] []			
7a	7.	c	76[7	.6 %	7f [] []			
7a	7.		7d[7	e %	71 [] []			
7b	7.	· 🔲	7d[7	. %	7f[][]			
7a	7.	• <u></u>	7d[7	• %	7f [] []			
7a	7.	• []	7d []	7	• %	7f [] []			
7b	7.	° []	7d []	7	e %	7			



JUL 0 6 1989



1040 Pine Ave. S.E Warren, OH 44483-6528

From: D. J. Calderwood, Environmental First Class Mail

To: U.S. Environmental Protection Agency P. O. Box 70266 Washington, D.C. 20024-0266

Attn: Toxic Chemical Release Inventory

GD-693-W 7-88

*



Consolidated Industries, Inc. Environmental Control (216) 841-8200

June 21, 1990

Environmental Protection Agency Title III Reporting Center P. O. Box 23779 Washington, D.C. 20026-3779 13-89-03521183-2-OH

13-89-03521190-7-04

Dear Sir:

I have enclosed the 1989 Toxic Release Inventory Form Rs for Warren Consolidated Industries, Inc.

If you have any question or need further clarification, please contact me at (216) 841-8200.

Sincerely

Thomas O. Shepker

Mgr. Environmental Control

TOS:cdf #26

Enclosure

	or print; read inst	ructions before	completing	form.)	Approval E	xpires: 01/91 Page				
& EPA	J.S. Environmental Pro	otection Agency				reporting burden for				
	HEMICAL RELEA		DV DEDA	DYING FOR	II vary in	on 30 to 34 hours per respond				
Section 313	of the Emergency Pla	anning and Comm	umitu Diahe e	- V 4-4-4		ie, including time for revietions, searching existing				
also known a	s Title III of the Super	fund Amendments	s and Reauth	orization Act	data i	gathering and maintainin needed, and completing ng the collection of informa				
				•	nai	ornments regarding this but				
EPA FORM	PART				All 1051	ions for reducing this burde lnformation Policy Br 3], US EPA, 401 M St., gton, D.C. 20450 Attn: and to the Office of Inform				
b	FACILI IDENTIFIC		1.5-6	9-035211	85-/- / -22 hin	3), US EPA, 401 M St., gton, D.C. 20460 Attn:				
L.f.	INFORMA				en R	and to the Office of Inform egulatory Affairs, Office				
					icti shin	egulatory Affairs, Offici ment and Budget Paper on Project (2070–00 gton, D. C. 20603.				
1.1 Are you o	laiming the chemical ident	tity on page 3 trade s	secret?	1.2 If "Yes" i	n 1.1, is this copy:	1.3 Reporting Year				
Yas	(Answer question 1.2; ch substantiation forms.)	X No (Do not a Go to question	answer 1,2; on 1,3.)	Sani	tized Unsanitized	19_89_				
2. CERTIFICATIO	N (Read and sign afte	or completing all s	ections.)							
omplete and that the	mounts and values in this	documents and that, report are accurate	to the best of based on reaso	my knowledge an nable estimates u	d belief, the submitted sing data available to	information is true and the preparers of this report				
THE REAL PROPERTY COME	Of Owner/operator or senio	or management officia	e!			- property of the toport				
James V	Stack, Presid	dent								
(Time	m 12 5		_		Date signed	_				
FACILITY IDEN	ITIFICATION				16/2/19	70				
Facility or Estab	lishment Name			WHERE TO	D SEND COM	PLETED FORMS:				
1	onsolidated Inc	lustries, In		4 FDODA DEDOCTION						
Street Address	e Avenue S.E.			1. EPCRA REPORTING CENTER P.O. BOX 23779 WASHINGTON, DC 20026-3779 ATTN: TOXIC CHEMICAL RELEASE INVENTOR 2. APPROPRIATE STATE OFFICE (See instruction						
City	Civende B.L.	County								
Warren		Trumbu	.11							
State		ZIp Code								
Ohio		44483	2.							
TRI Facility Ident			İ	in Appendia	(G)	- (
This report conta	ins information for (Check	(only one); []	L	ſ						
_ Technical Contac		a. [X] A	An entire facility	, p. [Part of a facility.					
	. Shepker				Telephone Number (in (216) 841-8	nclude area code)				
4 Public Contact					Telephone Number (in					
Jack G.	Nalter				(216)841-82					
.5 SIC Code (4 digit	ь. NA	c.	a.		e.	ļ ₁ .				
.5 SIC Code (4 digit a. 3312					1 14	·				
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5 a. 3312 .6 Degree 041 7 Dun & Bradstreet a. 18-827-6 EPA identification a. OHD06046	Latitude s Minutes 13 Number(s) 6935 Number(s) (RCRA I.D. N	30	b.	080	Minutes					
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PART II. OFF-SITE LOCATIONS TO WHICH TOXIC CHEMICALS ARE TRANSFERRED IN WASTES 1. PUBLICLY OWNED TREATMENT WORKS (POTWS) 1.1 POTW name NA Street Address City County City County City State Zip State Zip County County County State 2.2 Off-site location name BFI Columbiana Landfill EPA Identification Number (RCRA D. No.) NA Street Address 9960 S. Range Road City County Salem Columbiana County County County Street Address 7916 Chapel Street S.E. City State Zip Ohio 44460 Ohio Location under control of reporting facility or parent company? Is location under control of reporting facility or parent company? Is location under control of reporting facility or parent company?	(Important: Type or p	print; read instr ons before	completing form.)	Page						
Street Address City County	⊕ EPA	PART II. OFF-SITE LOCATI	ONE TO WHICH TOYIO	(This space for your optional						
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### Envirices, Inc. #### A Identification Number (RCRA ID. No.) PAD004835146 eet Address R.D. 1 Box 135A // County Yukon te Zip	3 Off-site location na			[] _{Yes} [_X],						
PAD004835146 set Address R.D. 1 Box 135A Yukon West Moreland Zip Stark Temporal Stark	Mill Services,	Inc.	1 <u>-</u>	ame .						
Street Address R.D. 1 Box 135A Y Yukon West Moreland Canton Stark Zip Pennsylvania County of reporting facility or parent company? I Jess [X] No Off-site location name NA Identification Number (RCRA ID. No.) EPA Identification Number (RCRA ID. No.) EPA Identification Number (RCRA ID. No.) EPA Identification Number (RCRA ID. No.) State County County City County County County County City County County County County City County County County City County County City County County City County County City County County City County County County City County County City County County County City County Cou		(A ID. No.)		RAID. No.)						
R.D. I Box 135A Yukon West Moreland Zip 15698 Ohio Advance Country Canton Stark Zip Pennsylvania [] Yes [X] No Off-site location name NA Identification Number (RCRA ID. No.) EPA Identification Number (RCRA ID. No.) EPA Identification Number (RCRA ID. No.) EPA Identification Number (RCRA ID. No.) EVER Address County County City County City County City County City County County City County Is location under control of reporting facility or parent company Is location under control of reporting facility or parent company Is location under control of reporting facility or parent company Is location under control of reporting facility or parent company Is location under control of reporting facility or parent company Is location under control of reporting facility or parent company			OHD980568992							
Yukon County City County	R.D. I Box 135A									
Yukon West Moreland Canton Stark Zip State Zip Pennsylvania 15698 Ohio 44707 Scation under control of reporting facility or parent company? Is location under control of reporting facility or parent company Is location under control of reporting facility or parent company Off-site location name NA EPA Identification Number (RCRA ID. No.) Street Address Street Address County City County County State Zip State Is location under control of reporting facility or parent company	у	County	City Central Ave							
Pennsylvania 15698 Ohio 44707 Cation under control of reporting facility or parent company? Is location under control of reporting facility or parent company [] Yes [X] No [] Yes Off-site location name NA Identification Number (RCRA ID. No.) EPA Identification Number (RCRA ID. No.) EPA Identification Number (RCRA ID. No.) County City County City County Cation under control of reporting facility or parent company? Is location under control of reporting facility or parent company? Is location under control of reporting facility or parent company? Is location under control of reporting facility or parent company? Is location under control of reporting facility or parent company?		West Moreland	Canton	·						
Docation under control of reporting facility or parent company? Solid County		1	State							
Off-site location name NA Identification Number (RCRA ID. No.) EPA Identification Number (RCRA ID. No.) EPA Identification Number (RCRA ID. No.) EVA Identification Number (RCRA ID. No.) County City County Zip State Zip State Zip Is location under control of reporting facility or parent company Is location under control of reporting facility or parent company	ocation under control of repor	ting facility or parent company?		ting facility or parent company?						
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NA Identification Number (RCRA ID. No.) EPA Identification Number (RCRA ID. No.) et Address Street Address County City County Zip State Zip sation under control of reporting facility or parent company? Is location under control of reporting facility or parent company	Off-site location nar	ne	I I							
et Address County City County				·						
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Zip State Zip State Zip sation under control of reporting facility or parent company? Is location under control of reporting facility or parent company		·	Street Address							
Zip State Zip cation under control of reporting facility or parent company? Is location under control of reporting facility or parent company	et Address		ľ							
cation under control of reporting facility or parent company? Is location under control of reporting facility or parent company		County	City	County						
E 3 P a										
	•	Zip	State	Zip						
	•	Zip	State	Zip						
Check if additional pages of Part II are attached. How many?	•	Zip ing facility or parent company?	State	Zip						

& EPA

EPA FORM RPART III. CHEMICAL-SPECIFIC INFORMATION

(This space for your optional use.)

1. C	CHEMICAL IDENTITY(Do not complete this section if you complete Section 2.)											
1.1	1.1 [Reserved]											
1.2	CAS Number (Enter only one number exact 7647-01-0	ly as it a	opears on the	e 313 list. Ente	er NA if reporting a	chemical category.)						
1.3	Chemical or Chemical Category Name (Enter only one name exactly as it appears on the 313 list.) Hydrochloric Acid											
	Generic Chemical Name (Complete only in	Part I, S	Section 1.1 is	s checked "Yes	." Generic name m	nust be structurally descripti	ve.)					
1.4	NA											
_	MIXTURE COMPONENT IDENTITY (Do not complete this section if you complete Section 1.) Generic Chemical Name Provided by Supplier (Limit the name to a maximum of 70 characters (e.g., numbers, letters, spaces, punctuation).)											
2.	NA	(Cirriet time	TIQUING TO A	TIEXITICATION OF TO								
3. 4	ACTIVITIES AND USES OF THE CHEN	/ICAL	AT THE F	ACILITY (C)	neck all that appl	y.)						
	Manufacture the chemical:			luce or impor	rt:	. [] For sale/						
3.1	a. Produce		c.L	use/proce		d.L Idistribution						
	b. [] Import		~ е.[As a bypr	oduct	f. As an impurity						
	Process the a. As a rea	ctant	ь.[As a form		c.[]As an article						
3.2	chemical:		,	- componer	ic .							
	Otherwise use [] As a che	mical	<u>'</u> . [1	ufacturing aid	c.[X] Ancillary or oth	nor usa					
3.3	the chemical:		D.L				Her dae					
4. 1	MAXIMUM AMOUNT OF THE CHEMI	CAL O	N-SITE A	T ANY TIME	DURING THE	CALENDAR YEAR	and the Section of the Decision of the					
	0 6 (enter code)											
5. F	RELEASES OF THE CHEMICAL TO TH	IE ENV	IRONMEI	NT ON-SITE		ID 3000 of	C. % From					
				A. Total F (pounds	Release s/year)	B. Basis of Estimate	Stormwater					
You	may report releases of less than			A.1	A.2							
1.00 (Do	00 pounds by checking ranges under A.1 not use both A.1 and A.2)	•	Reporting Ranges Enter 0 1-499 500-999 Estimate			(enter code)						
5.1	Fugitive or non-point air emissions	5.1a	[]][]	14,000	5.1b O						
5.2	Stack or point air emissions	5.2a	[][1 []	36,000	5.2b E						
-	St. b	 	r 7 P	1 1 7		5045	5.3.1c %					
5.3	Discharges to receiving streams or water bodies 5.3.1	5.3.1a	[] [<u> </u>	NA NA	5.3.1b	3.3.10					
	(Enter letter code for stream from Part I Section 3.10 in the box provided.)	5.3.2a	[][][]		5.3.2b	5.3.2c %					
	5.3.3	5.3.3a	[][][]		5.3.3b	5.3.3c %					
5.4	Underground injection on-site	5.4a	[][][]	NA	5.4b						
5.5	Releases to land on-site		r 1 r	1 f 3		5.5.1b						
İ	5.5.1 Landfill	5.5.1a	<u>l</u>	<u> </u>	NA NA	3.3.10						
	5.5.2 Land treatment/application farming	5.5.2a	[][][NA	5.5.2b						
	5.5.3 Surface impoundment	5.5.3a	[] [][_]] NA	5.5.3b						
	5.5.4 Other disposal	5.5.4a	[][][NA	5.5.4b						
	5.5.4 Other disposal 5.5.4a [] [] NA 5.5.4b [] (Check If additional information is provided on Part IV-Supplemental Information.)											

									. a				
Temportant: Type or print; read instruct is before completing form.) EPA FORM R PART III. CHEMICAL-SPECIFIC INFORMATION (continued) (This space)										ce for yo	Page 4 of 5		
6. TRANSFER	S OF THE CHEMIC	AL IN V	VASTE T	O OFF-SI	TE LOC	ΔΤΙΟ	NIS						
You may report	transfers	<u>,, -</u>	A. Tota	tal Transfer	rs	<u> </u>	143	B. Basis (of Estimate	С.Тур	e of Tr	reatment/	
of less than 1,00 checking ranges not use both A.	Lunder A 1 /Do	Repo	A.1 rting Rang		Α.	.2 iter	\dashv				Disp	osal	
Discharge to	o POTW	0		500-999		mate	 	(enter	r code)		(enter	code)	
6.1.1 from Part II,	Section 1.)		[]	[]	N.	A		6.1.1b					
Other off-si (enter locat 6.2.1 from Part II,	te location ion number . Section 2.)	[]	[]	[]	N.A	A		6.2.1b		6.2.1c M			
Other off-sit 6.2.2 from Part II,		[]	[]	[]				6.2.2b		6.2.2	ام ا		
Other off-sit (enter locat 6,2,3 from Part II,	te location	[]	[]	[]	·		\top	6.2.3b		6.2.3c M			
[](Check if	additional information	is provi	ded on Pa	art IV-Sup	plementa	al Info	l rmatic			0.2.3	c Lini		
	7. WASTE TREATMENT METHODS AND EFFICIENCY [] Not Applicable (NA) - Check if no on-site treatment is applied to any wastestream containing the chemical category.												
A. General Wastestream (enter code)	General B. Treatment Wastestream Method			C. Range of Influent Concentration (enter code)		D. Sequential Treatment? (check if applicable)		E. Treatment Efficiency Estimate		F. Based on Operating Data? Yes N		ting	
7.1a A	7.1b A 0 3		7.1c	3	7.1d	r I	1	7.1e	95 %	7.1f	ı	1 ()	
7.2a A	7.2b A 0 3		7.2c	[3]	7.2d	<u>L</u> 	<u> </u>	7.26		7.11 7.2f	<u>l</u>] [x] 1 [1	
7.3a A	7.3b A 0 3		7.3c	3	7.3d	<u> </u>	1	7.3e	85 %		<u> </u>] [x]	
7.4a A	7.4b A 0 3		7.4c	3	7.4d	_ <u>L</u> r		7.40	95 *	7.3f	<u> </u>	<u>] [x]</u>	
					/.40	<u> </u>		7.48	95 %	7.4f	<u>l</u> .] [x]	
7.5a A	7.5b A 0 3		7.5c	3	7.5d	_[_]	7.5e	95 %	7.5f	<u> </u>] [x]	
7.6a	7.6b		7.6c		7.6d	[_]	7.6e	%	7.6f	[]] []	
7.7a	7.7b		7.7c		7.7d]	7.7e	%	7.7f	[]] []	
7.8a	7.86		7.8c		7.8d	[]	7.8e	%	7.8f	[]] []	
7.9a	7.9b		7.9c		7.9d	[1	7.9e	%	7.9f	[]	ָּרְ וַ וּ	
7.10a	7.10ь		7.10c	\Box	7.10d	_ <u></u>	ī	7.10e	%	7.10f	<u>י</u>	<u>'</u>	
[](Check if a	additional information i	is provid	led on Par	rt IV-Supp	lemental	Infor	matio	n.)			<u>L</u>	<u> </u>	
8. POLLUTION	PREVENTION: OP	PTIONAL	L INFOR	MATION	ON WA	OTE :	5 4 1 5 (1 5	417 A TIOS	Į	-	-		
A. Type of Modification	ns taken to reduce the explanation of what inf B. Quantity of Prior to Tre	the Che	emical in 1	Wastes	eing reie	asec	trom		/. See the	D. Rea		Action	
(enter code)	Current	Prior		l Or	percent	chan	qe					de)	
М	reporting year (pounds/year)	year (pound	ds/year)	i (Cr	neck (+)	or (-	Ĭ)				R		
Michigan Company of the Company of t	All control of the second of t		· ·	•		-			• —				

Important:	Type -	or print;	read instr.	ions	before	completing	form
zpertanti	- / -	o. p.m.,	TOTAL PROFILE	LIUINS	vejore	completing	потт.

Page 5 of 5

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- W	il married	8 4	_

Use this section if you need additional space for answers to questions in Part III

(This space for your optional use.)

	lines used sequenti		·								
ADDITIONAL INFORMATION ON RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE (Part III, Section 5.3)											
You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)				A. Total Release (pounds/year) A.1 Reporting Ranges A.2			A.2 Enter	B. Basis of Estimate (enter code er in box			rom mwater
5.3 Discharges receiving s water bodie	a	0 1-499 500-999 Estin			stimate	mate provided)			_c %		
(Enter letter code for stream from Part I Section 3.10 in 5.3 5] [] []			5.3	_ь[5.3	_c %
	5.3.		a [] [][]			5.3	_ 6	5.3	_c %
ADDITIONAL (Part III, Secti	INFORMATION O	V TRANSF	ERS OF	THE CH	IEMICAL IN	WASTE	TO OFF-S	ITE LO	CATIONS	;	
You may report	transfers 00 pounds by check			otal Transf unds/year			B. Bas Est	sis of imate	С. Тур	pe of Treatment/ Disposal	
ranges under A. both A.1 and A.	- 1	A.1 ting Rar 1-499	nges 500-999	A.2 Ente Estima	٢	ir	(enter code in box provided)			(enter code in box provided)	
6.1. Discharge (enter its from Par	ge to POTW scation number rt II, Section 1.)	<u> [</u>	[]	[]			6.1	_ь 🔲			
Other off-site location (enter location number from Part II, Section 2.)				[]			6.2	ь	6.2	сМ	
6.2. Other off-site location (enter location number from Part II, Section 2.)			[]	[]			6.2	ь	6.2	сМ	
ຣາ (enter lo	f-site location cation number til, Section 2.)	[]	[]	[]			6.2	ь 🔲	6.2	сМ	
ADDITIONAL	INFORMATION O	N WASTE	TREAT	MENT M	ETHODS AN	D EFFI	CIENCY (Pa	rt III, S	action 7)	
A. General Wastestream (enter code in box provided)	B. Treatmen Method (enter code in box provid	t	C. Ran Influ Con		D. Sequer Treatm	ntial nent? if	E. Treatn Efficier Estima	nent ncy	F.	Based Opera Data? Yes	ting
7a	7ь		7	_c	7d []	7e	%	7	f [][]
7a	7ь		7	_c	7d []	7e	%	7	f [][]
7a	7ь		7	c	7d []	7е	%	7	f [][]
7a	7b		7	.c 🗌	7d []	7e	%	7	f [][]
7a	7ь		7	c	7d []	7е	%	7	f [][]
7a	7ь		7	с 🗌	7d []	7е	%	7	f [][]
7a	7b		7	c 🔲	7d []	7. <u> e</u>	%	7	r [][]
7a	7b		7	c	7d []	7e	%	7	• [][]
7a 🔲	7ь		7	e 🔲	7d []	7е	%	7	· [][]

Warren Consolidated Industries, Inc. 1040 Pine Avenue Warren, Ohio 44483





JUN 26 1997

WARREN
Consedidated Badastries Are.

Environmental Control From: C.F. Sevastos

1040 Pine Ave. S.E Warren, OH 44483-6528

First Class Mail

To: Title III Reporting Center
Environmental Protection Agency
P. O. Box 23779
Washington D.C. 20026-3779

GD-693-W 7-88

Is your RETURN ADDRESS completed bit the sprease side?

CERTIFIED MAIL

Q0/2/
RETURN RECEIPT REQUESTED

ENV-0005

Page 1 of 5

Approval Expires: 04/2000



FORM R

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

United States **Environmental Protection** ' gency

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

WHE	IERE TO SEND COMPLETED FORMS: 1. EPCRA Reporting Cer P.O Box 3348 Merrifield, VA 22116-3				_		APPROPRIATE ST. (See instructions in /		1	Enter "X" here if this is a revision		
						RELEA	SE INVENTORY		<u> </u>	or EPA use only		
mp	ortant: See in	struction	s to c	determine w	hen "No	ot App	olicable (NA)"	boxe	s should	d be checked.		
		F	PART	ΓI. FACILI	TY IDE	NTIFI	CATION INF	ORM.	ATION			
SEC	TION 1. REPO	RTING YE	AR 1	997			13-97-	110-	02-67	1-7-0H		
SEC	ECTION 2. TRADE SECRET INFORMATION											
2.1	Are you claiming the toxic chemical identified on page 3 trade secret? Yes (Answer question 2.2; Attach substantiation forms) No (Do not answer 2.2; Go to Section 3) Is this copy (Answer only if "YES" in 2.1) Unsanitized Unsanitized											
SEC	TION 3. CERT	IFICATION	(lm	portant: Rea	ıd and si	gn aft	ter completing	all for	m sectio	ns.)		
nform using	by certify that I have nation is true and con data available to the	nplete and that preparers of th	the am is repo	ounts and values : rt.	in this repor						-	
	e and official title of ov	wner/operator o	or senio					Signatur	e: /	***************************************	Date S	Signed:
THOM.	AS O. SHEPKER			MANAGER ENVIRO	ONMENTAL CO	ONTROL					06/10/1	998
SEC	TION 4. FACIL	ITY IDENT	IFICA	ATION								
4.1						TRI Facility ID Number 44481-WRRNW-1040P						
~cilit	y or Establishment Nan	ne				Facility	or Establishment Nan	ne or Mail	ing Address(i	f different from street a	ddress)	
TE	TEEL, INC.											
Street 1040 P	INE AVENUE SE					Mailing	Address	٠.				
City/C	ounty/State/Zip Code EN	TRUMBULL		O.	H 44483-6528	City/County/State/Zip Code						
[This report contain	ns information f	or:				···-					
4.2	(Important : check			licable)	a. X	An ent facility			art of a acility	c. A Fe	deral ty	
4.3	Technical Contact	Name	THO	MAS SHEPKER						phone Number (includ	e area cod	le)
) 841 - 8200		
4.4	Public Contact Nai	me	TIM	ROBERTS						phone Number (includ) 841 - 8205	e area cod	le)
4.5	SIC Code (s) (4 di	aits)	a,	3312	b.		c,	d.	(330			
		Degrees	1 4	Minutes	Secon	nde	<u> </u>		egrees	e,	f.	
4.6	Latitude	041		13	30		Longitude		080	Minutes 48		onds 55
4.7	Dun & Bradstreet	4.8		identification Num			_I			nderground Injection		
	Number(s) (9 digits	s)	RCF	RA I.D. No.) (12 ch	naracters)	<u> </u>	Number(s) (9 chara	cters)	(0	IIC) I.D. Number(s) (12 digits)	
	88276935 IA	a. b.	NA	60409521			H0101079		a. NA			
-	TION 5. PARE			NEORMATIO	N	b. N	^		b.			
5.1	Name of Parent Co		NA	X	i wi							
. 2	Parent Company's	Dun & Bradst	reet Nu	mber	VA X			· · · · · · · · · · · · · · · · · · ·				
					L							

EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION

TRI Facility ID Number
44481-WRRNW-1040P
Toxic Chemical, Category or Generic Name
PHOSPHORIC ACID

SECT	FION 1. TOXIC CHEMICAL IDENT	ITY	(Important: DO NOT compl	ete this section if you con	npleted Section 2 below.)				
	CAS Number (Important: Enter only one number exactly as				,				
1.1	007664382				**************************************				
1.2	Toxic Chemical or Chemical Category Name (Important: Er	iter only on	ne name exactly as it appears on the Section C	313 list.)					
	PHOSPHORIC ACID								
1.3	Generic Chemical Name (Important: Complete only if Part 1, Section 2.1 is checked "yes". Generic Name must be structurally descriptive) NA								
SEC	SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1 above.)								
	Generic Chemical Name Provided by Supplier (Important:								
2.1	NA	····							
SEC	FION 3. ACTIVITIES AND USES C (Important: Check all that apply.		: TOXIC CHEMICAL AT TH	E FACILITY					
3.1	Manufacture the toxic chemical:	3.2	Process the toxic chemical	: 3.3 Otherwise	use the toxic chemical:				
a.	Produce b. Import								
	If produce or import:								
c.	For on-site use/processing	a. [As a reactant	a. As a che	mical processing aid				
d.	For sale/distribution	b.	X As a formulation component	b. As a ma	nufacturing aid				
e.	As a byproduct	С.	As an article component	c. Ancillary	or other use				
f.	f. As an impurity d. Repackaging								
SEC	TION 4. MAXIMUM AMOUNT OF	THE TO	OXIC CHEMICAL ONSITE	AT ANY TIME DURIN	IG THE CALENDAR YEAR				
SEC ⁻ 4.1			OXIC CHEMICAL ONSITE A	AT ANY TIME DURIN	IG THE CALENDAR YEAR				
4.1		from	instruction package.)						
4.1	03 (Enter two-digit code	from	instruction package.)						
4.1	03 (Enter two-digit code	from	instruction package.) MICAL ENTERING EACH A. Total Release (pounds/year)	ENVIRONMENTAL N B. Basis of estimate	MEDIUM ONSITE				
4.1 SEC	(Enter two-digit code Fugitive or non-point [Enter two-digit code [Enter two-digit code [Enter two-digit code [Enter two-digit code [Enter two-digit code	c che	instruction package.) EMICAL ENTERING EACH A. Total Release (pounds/year) (Enter range code or estimate*)	ENVIRONMENTAL N B. Basis of estimate	MEDIUM ONSITE				
4.1 SEC ⁻ 5.1	[03] (Enter two-digit code FION 5. QUANTITY OF THE TOXI Fugitive or non-point air emissions Stack or point NA	C CHE	instruction package.) MICAL ENTERING EACH A. Total Release (pounds/year) (Enter range code or estimate*) NA	ENVIRONMENTAL N B. Basis of estimate	MEDIUM ONSITE				
4.1 SEC [*] 5.1 5.2	Fugitive or non-point air emissions Stack or point air emissions Discharges to receiving streams or	C CHE	instruction package.) MICAL ENTERING EACH A. Total Release (pounds/year) (Enter range code or estimate*) NA	ENVIRONMENTAL N B. Basis of estimate	MEDIUM ONSITE				
4.1 SEC [*] 5.1 5.2	Fugitive or non-point air emissions Stack or point air emissions Discharges to receiving streams or water bodies (enter one name per box)	C CHE	instruction package.) MICAL ENTERING EACH A. Total Release (pounds/year) (Enter range code or estimate*) NA	ENVIRONMENTAL N B. Basis of estimate	MEDIUM ONSITE				
5.1 5.2 5.3	Fugitive or non-point air emissions Stack or point air emissions Discharges to receiving streams or water bodies (enter one name per box) Stream or Water Body Name	C CHE	instruction package.) MICAL ENTERING EACH A. Total Release (pounds/year) (Enter range code or estimate*) NA	ENVIRONMENTAL N B. Basis of estimate	MEDIUM ONSITE				
5.1 5.2 5.3	Fugitive or non-point air emissions Stack or point air emissions Discharges to receiving streams or water bodies (enter one name per box) Stream or Water Body Name	C CHE	instruction package.) MICAL ENTERING EACH A. Total Release (pounds/year) (Enter range code or estimate*) NA	ENVIRONMENTAL N B. Basis of estimate	MEDIUM ONSITE				
5.1 5.2 5.3 5.3.1	Fugitive or non-point air emissions Stack or point air emissions Discharges to receiving streams or water bodies (enter one name per box) Stream or Water Body Name	C CHE	instruction package.) MICAL ENTERING EACH A. Total Release (pounds/year) (Enter range code or estimate*) NA	ENVIRONMENTAL N B. Basis of estimate	MEDIUM ONSITE				
5.1 5.2 5.3.1 5.3.2 5.3.3 5.4.1 5.4.2	Fugitive or non-point air emissions Stack or point air emissions Discharges to receiving streams or water bodies (enter one name per box) Stream or Water Body Name NA Underground Injection onsite to Class I Wells Linderground injection onsite	C CHE X X X	instruction package.) EMICAL ENTERING EACH A. Total Release (pounds/year) (Enter range code or estimate*) NA NA NA NA	ENVIRONMENTAL N B. Basis of estimate (enter code)	MEDIUM ONSITE				

EPA FORM R PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)

TRI Facility	ID Number
44481-WRF	RNW-1040P
Toxic Chem	ical, Category, or Generic Name
PHOSPHORIC	ACID .

SECTIO	SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE(continued)							
		NA A. Tota		(pounds/year) (enter range code* or estimate)	B. Basis of Estimate (enter code)	, , , , , , , , , , , , , , , , , , , ,		
5.5	Disposal to land onsite							
5.5.1A	RCRA Subtitle C landfills	X NA						
5.5.1B	Other landfills	X NA						
5.5.2	Land treatment/application farming	X NA						
5.5.3	Surface impoundment	X NA						
5.5.4	Other disposal	X NA						
SECTION	ON 6. TRANSFERS OF T	HE TOXIC CH	EMICAL I	N WASTES TO OFF	-SITE LOCATIONS			
6.1 DIS	CHARGES TO PUBLICL	OWNED TR	EATMEN	T WORKS (POTWs)				
6.1.A To	otal Quantity Transferred to	POTWs and B	asis of Es	timate				
6.1.A.1.	Total Transfers (pounds/yea	ar)		6.1.A.2 Basis of Es	timate			
	(enter range code* or estima	te)		(enter code)				
	NA							
I.B. 1	POTW Name NA					1-711-0-0-0		
POTW A	ddress							
City			State	County		Zip -		
6.1.B. 2	POTW Name		1			!		
POTW A	ddress							
City	•		State	County		Zip		
	nal pages of Part II, Section 6.1 ox 1 and indicate the Par			. •	(example: 1,2,3, etc.)			
SECTION	ON 6.2 TRANSFERS TO	OTHER OFF-S	SITE LOC	ATIONS				
6.2. <u>1</u>	Off-Site EPA Identification I	Number (RCRA	ID No.)	NA				
Off-Site L	ocation Name NA							
Off-Site A	Address					VII		
City		State	С	ounty	`	Zip		
ls location	n under control of reporting facility	or parent company	?		Yes	No		

EPA FORM R PART II CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number
44481-WRRNW-1040P
Toxic Chemical, Category or Generic Name
PHOSPHORIC ACID

			OIV	U) FIOH AM	V 14	INTOL	٠,	PHO	OSPHORIC ACID	•	
BECTION 6.	2 TRANSFERS	то от	HER OFF-	SITE LOCATI	IONS	(Conf	tinued			1.761	
A. Total Transfe			B. Basis	B. Basis of Estimate (enter code)				C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)			
1.			1.	1.				1.			
2.			2.					2.			
3,			3.					3.			
4.			4.	,		,		4.			
6.2 <u>2</u> Off-S	Site EPA Identific	ation Num	nber (RCRA	A ID No.)							
Off-Site location	Name										
Off-Site Address	s .										
City				State	(County				Zip -	
Is location ur	nder control of i	eporting	facility or	parent compar	ny?				Yes	No	
A. Total Tra (enter ra	ansfers (pounds/ inge code* or estima			B. Basis of Est (enter code)					ype of Waste Trea Recycling/Energy I	tment/Disposal/ Recovery (enter code)	
1.			1.					1.			
2.			2.		·			2.			
3.			3.					3.			
4.	<u></u>		4.					4.			
SECTION 7	A. ON-SITE W	ASTE TE	REATMEN	IT METHODS	AND	EFFIC	IENCY	r	. •		
Not A	nbiicable (NA) -			aste treatment is a he toxic chemical c		-	jory.				
a. General Waste Stream (enter code)		Treatment I 3-character	Method(s) Se code(s)]	quence	c.	Range of Concentra			Waste Treatment Efficiency Estimate	e. Based on Operating Data ?	
7A.1a	7A.1b	1	C11	2 NA		7A.1c	:		7A.1d	7A.1e	
W	6	4 7		5 8		3			100 %	Yes No	
7A.2a	7A.2b	1		2		7A.20	-		7A.2d	7A.2e	
NA	3	4 7		5 8					0%	Yes No	
7A.3a	7A.3b	1		2		7A.3c	:		7A.3d	7A.3e	
	3	4		5						Yes No	
	6	7		8					%	44	
7A.4a	7A.4b	1		2		7A.4d	;		7A.4d	7A.4e	
	6	4 7		5					%	Yes No	
7A.5a	7A.5b	1		2		7A.5c	3		7A.5d	7A.5e	
	3	4		5					%	Yes No	
	6	7		8							
	es of Part II, Section Part II, Section 6.2				_	er of page ample: 1.2			1		

EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number

44481-WRRNW-1040P

Toxic Chemical, Category or Generic Name

PHOSPHORIC ACID

				PHOSPHORIC ACID						
≟CT	ION 7B. ON-SITE ENERGY R	ECOVERY PROCES	SES							
X	Not Applicable (NA) -	e if no on-site energy recov ntaining the toxic chemical o								
Er	nergy Recovery Methods [enter 3-charact	er code(s)]								
1 NA	2	3		4]					
SECT	SECTION 7C. ON-SITE RECYCLING PROCESSES									
X	Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.									
R	ecycling Methods [enter 3-character code	(s)]	·							
1. _N	A 2.	3.	4.		5.					
6.	7.	8.	9.		10.					
SECT	TON 8. SOURCE REDUCTION	I AND RECYCLING	ACTIVITIES		, , , , , , , , , , , , , , , , , , , ,					
		Column A Prior Year (pounds/year)	Column B Current Reporting Year (pounds/year)	Column C Following Year (pounds/year)	Column D Second Following Year (pounds/year)					
8.1	Quantity released **	0	. 0	. 0	0					
8.2	Quantity used for energy recovery onsite	0	0	0	0					
i	Quantity used for energy recovery offsite	0	0	0	0					
8.4	Quantity recycled onsite	0	0	0	0					
8.5	Quantity recycled offsite	0	0	0	. 0					
8,6	Quantity treated onsite	960	970	1000	1000					
8.7	Quantity treated offsite	. 0	0	0	0					
8.8	Quantity released to the environment as catastrophic events, or one-time events processes (pounds/year)			0						
8.9	Production ratio or activity index			0001.01						
8.10	Did your facility engage in any source re enter "NA" in Section 8.10.1 and answe	duction activities for this ch	emical during the reporting y	ear? If not,						
0.10	Source Reduction Activities [enter code(s)]	M	ethods to Identify Activity (en	ter codes)						
8.10.1	NA	a.	b.	е.						
8.10.2		a.	b.							
8.10.3		a.	b.	c.						
8.10.4	,	a.	b.	C.	2000					
8.11	Is additional information on source redu- included with this report ? (Check one I	pox)			YES NO X					
	releases pursuant to EPCRA Section 329(8) including escaping leaching dumping or disposing into the			ging,						

Z 150 214 730

MAIL



First Class Mail

FROM

FROM

EPCRA Reporting Center
c/o Computer Based Systems, Inc.
Suite 300
4600 North Fairfax Drive
Arlington, VA 22203

WGI Gtosl, Incorporated
TO40 Phins Avenue, SE
Warren, OH #4403-0528

ENV-0005

1992 FACILITY ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31,1992

REFER TO THE SPECIFIC INSTRUCTIONS CON	ITAINED IN THIS BOOKLET BEF	FORE COMPL	ETING THIS FORM
Please print/type with elite type (12 characters per inch)	LABEL BELOW IS FO	OR REFEREN	CE ONLY: SECTION
. FACILITY'S EPA I.D. NUMBER	W THE GOLD TO THE TOPIC	O DE COMP	LEIED.
	OHDUSU4J9521-EPA	10- 9	IC CODE-3312
[O]H]D1016[O141019151211]	WCI STEEL INC.	•	16 CODE-3312
	1040 PINE AVENUE	SE	
I. NAME OF FACILITY	WARREN		44483-
	REAMER C SAMORT		216) 841-3200
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		1111	<u>l. </u>
II EAON ITICAGA UNIO			
II. FACILITY MAILING ADDRESS			
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Street or P.O. Box			
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City or Town	State	Zip Code	
/. LOCATION OF FACILITY			
1, 0, 4, 0, P, I, N, E, A, V, E, N, U, E,			
Street		L 7 8 8	
ou bet		County Code	
Wi Ali Ri Ri El Ni ji i i i i i i i i i i i i i i i i i	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-	2 2 1 2
City or Town	0, H	4,4,4,8,3	$[\frac{3}{1}, \frac{3}{1}, \frac{1}{1}, \frac{2}{1}]$
	State	Zip Code	Primary SIC Code
FACILITY CONTACT			,
ACIENT CONTACT			
SHEPKER THOMAS		_	
		$[\frac{2}{1}, \frac{1}{6}, \frac{6}{1}]$	8,4,1,-,8,2,0,0
lame (last and first)		Phone No. (are	T code (a.s.)
		· 115/10 140. (216	a coos a no.)
COST ESTIMATES FOR FACILITY			
Cost Estimate for Facility Closure	B. Cost Estimate for Post Closure Monito	oring and Mainten	nnon Idiana and Incidia
s			THE GREAT SETTINGS OF
1 , 1 6 4 , 2 8 5 .00	\$		
.00		∐ .00	
I. CERTIFICATION			

Signature of Authorized Representative Date Signed

EPA 9020

Print/Type Name

JAMES V. STACK / PRESIDENT

Title

Page 1 of ________

FACILITY ANNUAL HAZARDOUS WASTE REPORT (cont.)

For the calendar year ending December 31, 1992

GENERATOR INFORMATION (specify generator from which all wastes on this page were received)				ACILI	TY'S EPA I	.D. NO.	
	,		O H D O 6 0 6 0 4 0 9 5 2 1				
IX. GENERATOR'S EPA I.D.NO.	X. GENERATOR NAME	la de la companya de la companya de la companya de la companya de la companya de la companya de la companya de		***************************************	and the second s		
О Н D 10 16 10 14 10 19 15 12 11 1	WGIISTEELI	$I_{\parallel} N_{\parallel}$	C_{1} .	11			
XI. GENERATOR'S ADDRESS							
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Street							
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City or Town			State		Zip Code		
XII. WASTE IDENTIFICATION							
A DESCRIPTION OF	WASIE	i.HANOLII METHO (enter cox	0	EPA HAZ WASTE (See Inst		D. AMOUNT OF WASTE	
1 SIPIEINITI IPILICIKILIE	i r I o n o k i l H d r) ₁ 6 ₁ 2	Dj 0j 0j 6	u l	
FIRIOIMI ISTEELI P	ROCESSINGI	S O	2 1			1 1 114 4 9 0 1	
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XIII. COMMENTS (enter information by section number)

FACILITY ANNUAL HAZARDOUS WASTE REPORT (cont.)

For the calendar year ending December 31, 1992

	GENERATOR INFORMATION (specify generator from which all wastes on this page were received)			V	III. FACILIT	ΓY'S EPA Ι	.D. NO.		
(spe	GIY generator from which all wastes on this	page were received)			OHD	0,6,0,4	019[5]2[1]		
IX.	GENERATOR'S EPA I.D.NO.	X. GENERATOR NAME		L			oo aa oo ah ah ah ah ah ah ah ah ah ah ah ah ah	- Paradition	
0	_H _D ₀ ₀ ₁ 4 ₁ 4 ₁ 6 ₁ 1 ₁ 9 ₁ 2 ₁ 7	$[G_1R_1E_1E_1R_1][S_1T_1E_1]$	E _I L _I	1	1111			<u> </u>	
XI.	GENERATOR'S ADDRESS								
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D	10 V E R				OH	4 4 6 2	<u> 2</u>		
Cit	y or Town			\$	State Z	Zip Code			
XII.	WASTE IDENTIFICATION								
LINE	A. DESCRIPTION OF W	ASTE		DLING HOD code)	C. EPA HAZ WASTE (see insti	CODE	D. AMOUNT OF W.	ASTE	E. UNIT OF
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XIII. COMMENTS (enter information by section number)

XII. Handling code T18. Acid regeneration process where spent pickle liquor is regenerated into virgin hydrochloric acid, with iron oxide produced as a by-product.

FACILITY ANNUAL HAZARDOUS WASTE REPORT (cont.)

For the calendar year ending December 31, 1992

	GENERATOR INFORMATION (specify generator from which all wastes on this page were received)					VIII. FACILITY'S EPA I.D. NO.					
(2)		pago nora rosciroay		O ₁ H ₁ D ₁ O ₁ 6 ₁ O ₁ 4 ₁ O ₁ 9 ₁ 5 ₁ 2 ₁ 1							
1X.	GENERATOR'S EPA I.D.NO.	X. GENERATOR NAME			Belikipan menemanan menemanan menemanan menemanan menemanan menemanan menemanan menemanan menemanan menemanan m			Control We septem			
0	[H[D]0]0]0,7,2,4,0,8,8	EJA, G, L, E, B, R, O, O, K,	լԳլ	F	OHII	լ <u></u> Օլ լ Լյ №	9.11111				
VI i											
Al.	XI. GENERATOR'S ADDRESS										
L <u>l</u> Str	[7]8]7]7] S]T] C L]A]I]	RI IAIVIEINIUIEI III						<u> </u>			
	jLieivieiliainidi i i i i		1	LOL	Hı	4 4 1 1	. 0				
	y or Town			State		Zip Code					
XII.	WASTE IDENTIFICATION										
<u> </u>					HEALT			हे ज			
LINE	A. DESCRIPTION OF W	ASTE	HANOLII METHO enter cox	ю	C. EPA HAI WASTE (1488 Inst	CODE	D. AMOUNT OF WASTE	E. UNIT OF			
1	SIPIEINITI IPIIICIKILIEI	LIIQUOR HCL		-	0լ6լ2	Dլ0լ0լ6	, postantino				
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XIII. COMMENTS (enter information by section number)

XII. Handling code TI8. Acid regeneration process where spent pickle liquor is regenerated into virgin hydrochloric acid, with iron oxide produced as a by-product.

FACILITY ANNUAL HAZARDOUS WASTE REPORT (cont.)

For the calendar year ending December 31, 1992

		Section of the Sectio					
GENERATOR INFORMATION (specify generator from which all wastes on this page were received)	VIII. FACILITY'S EPA I.D. NO.	maket niikuseessi					
	O H D O 6 O 4 O 9 5 2 1						
IX. GENERATOR'S EPA I.D.NO. X. GENERATOR NAME							
[P_A, D_0 0 9 2 8 1 1 1 4 1 3 W H, E A, T L, A, N, D							
XI. GENERATOR'S ADDRESS							
[1,7,0,0, V,I,C,T,O,R, P,O,S,N,E,R, B,L,V,D,.,							
Street							
W _i H _i E _i A _i T _i L _i A _i N _i D _i	P ₁ A ₁ 1 6 ₁ 1 ₁ 6 ₁ 1 ₁						
City or Town	State Zip Code						
XII. WASTE IDENTIFICATION							
A. DESCRIPTION OF WASTE B.HAND METI (enter	X.ING C. EPA HAZARDOUS HOD WASTE CODE D. AMOUNT OF WASTE code) (see instructions)	E. UNIT OF MEASURE					
1 SIPIEINITI PITICIKILIEI ILITIQIUIOIRI IHICIL	K1 01 61 2 D1 01 01 6						
FIRIO MI ISITE EL PIRIO CIE SISITINGI	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	P					
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XIII. COMMENTS (enter information by section number)

XII. Handling code T18. Acid regeneration process where spent pickle liquor is regenerated into virgin hydrochloric acid, with iron oxide produced as a by-porduct.

GENERATOR ANNUAL HAZARDOUS WASTE REPORT (cont.)

For the calendar year ending December 31, 1992

	CILITY INFORMATION eatly receiving facility to which all wastes on	this page were sent)		V	III. GENERATOR'S E	PA I.D. NO.			
IX.	FACILITY'S EPA I.D.NO.	X. FACILITY NAME			10 1H 1D 10 16 10 14	10 19 15 12 11			
Ĺ	O ₁ H ₁ D ₁ O ₁ O ₁ O ₁ O ₁ 7 ₁ 2 ₁ 4 ₁ O ₁ 8 ₁ 8 ₁	E, A, G, L, E, B, R, O, O,	К ј ј () _j E	ն լ Օլեկ Ա Օլ լ Ա	44.11111			
XI.	XI. FACILITY'S ADDRESS								
L] Str	[1:7:8:7:7: S T C L A L R A V E N U E								
Çi	C L E V E L A N D								
TINE	A. DESCRIPTION OF WA	STE	B.DOT HAZAI CLASS		C. EPA HAZARDOUS WASTE COOE (649 (restructions)	D. AMOUNT OF WASTE	E. UNIT OF MEASURE		
1	SIPIEINITI IPIIICIKILIEI FIRIOIMI ISITIEIEILI IPII	յ <u>ել II QI ՄI QI RI լ HI GI</u> Ա OI CI EI SI SI II NI GI I	U 0 2		K4 O4 64 2 D4 O4 O4 6	1 1 1 81 91 91 41 61 2			
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3									
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8									
XIII.	COMMENTS (enter information by	section number)	II. COMMENTS (enter information by section number)						

Page 2 of 8

1992 GENERATOR ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31,1992

The information requested herein is required by	by Rules 3745-52-41 as applicable of the Ohio Administrative Code.
REFER TO THE SPECIFIC INSTRUCTIONS	CONTAINED IN THIS BOOKLET BEFORE COMPLETING THIS FORM.
Please print/type with elite type (12 characters per inch)	LABEL BELOW IS FOR REFERENCE ONLY. SECTION
I. GENERATOR'S EPA I.D. NUMBER	OHDERS (20524 - 17
O1H1D101610141019151211	1040 PINE AVENUE SE
II. NAME OF INSTALLATION	WARREN THOMAS U SHEPKER (216) 841-3200
WICII ISITIELELLI, IIINICI.	
III. INSTALLATION MAILING ADDRESS	
[1,0,4,0, P, L, N, E, A,V,E,N,U,E,	JS JE J J J J J J J J J J J J J J J J J
Street or P.O. Box	
Wi Ai Ri Ri Ei Ni	111111 [O ₁ H ₁
City or Town	
IV. LOCATION OF INSTALLATION	State Zip Code
LIO 14 10 PII IN E AIV E N U E	S ₁ E ₁
Street	County Code
WARREN IIIIIII	
City or Town	
V. INSTALLATION CONTACT	State Zip Code Primary SIC Code
SIHIEIPIKIEIRI ITIHIOIMIAIS	
Name (last and first)	Phone No. (area code & no.)
VI.TRANSPORTATION SERVICES USED (list #	he name and EPA identification numbers of all hazardous waste transporters whose service
were used during the reporting year.) AFETY-KLEEN CORP. ILDO51060408	
ILL SERVICES INC. PAD004835146	7-7 INC. OHD982075343 ENVIRCO TRANSPORTATION INC. OHD045210598
HEMICAL WASTE MANAGEMENT INC. ILDOS	99202681 CHEM FREIGHT OHD982061350
AGLEBROOK TRANSPORT OF OHIO INC. OF LEAN HARBORS OF KINGSTON INC. MADO	HD000724088 AUTUMN INDUSTRIES INC. OHD986974780
VII. CERTIFICATION	
I carefly under penalty of law that I have personally examined and are familiar wit reappreparation for obtaining the information, I believe that the submitted information	
becoming the mid authorities.	I is true, accurate, and cariplete. I am aware that there are significant penalties for submitting takes individuals imms.
JAMES V. STACK / PRESIDENT	Com 16 Stuit 2/0k2
Print/Type Name Title	2/8/93

Signature of Authorized Representative

Date Signed Page 1 of 8

Title

EPA 9019

GENERATOR ANNUAL HAZARDOUS WASTE REPORT (cont.)

For the calendar year ending December 31, 1992

FACILITY INFORMATION VIII. GENERATOR'S EPA I.D. NO.								
	edity receiving facility to which all wastes on	this page were sent)		ľ	m. Generator 5 E	PA I.U. NO.		
					OHD06104	10,9,5,2,1,		
IX.	IX. FACILITY'S EPA I.D.NO. X. FACILITY NAME							
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XI.	FACILITY'S ADDRESS					· · · · · · · · · · · · · · · · · · ·		
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	reet						ليساليسا	
					P ₁ A ₁ 1 ₁ 5 ₁ 6 ₁ 9	181		
Ci	ry or Town			\$	State Zip Code			
XII.	WASTE IDENTIFICATION							
J. I.	A, DESCRIPTION OF WA	STE	B.OOT HAZAI CLASS		C. EPA HAZARDOUS WASTE CODE (960 INSTRUCTIONS)	D. AMOUNT OF WASTE	E. UNIT OF MEASURE	
. 1	SPENT PILCKLE	LIIQUUOR HCI			K101612 D101016		in 2	
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	COMMENTS (enter information by	section number)						

Page $\frac{3}{}$ of $\frac{8}{}$

GENERATOR ANNUAL HAZARDOUS WASTE REPORT (cont.)

For the calendar year ending December 31, 1992

E A	FACILITY INFORMATION VIII. GENERATOR'S EPA I.D. NO.							
	ecity receiving facility to which all wastes on	this page were sent)		•		-· ~ i.u. iiu.		
				[O]H]D[O]6]0[4]0[9]5]2[1]				
IX. FACILITY'S EPA I.D.NO. X. FACILITY NAME							C.C.W.	
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					<u> </u>		<u> </u>	
XI.	FACILITY'S ADDRESS							
<u>1</u> 3	[3]9,5,6, [S]T]A,T,E, [R,O,U]T,E, [4, 1, 2,] , , , , , , , , , , , , , , , , ,							
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Cit	ty or Town			S	itate Zip Code			
XII.	WASTE IDENTIFICATION							
				_			וש צו	
E	A. DESCRIPTION OF WA	STE	B.DOT HAZAR CLASS		C. EPA HAZARDOUS WASTE CODE (see instructions)	D. AMOUNT OF WASTE	E. UNIT OF MEASURE	
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GENERATOR ANNUAL HAZARDOUS WASTE REPORT (cont.)

For the calendar year ending December 31, 1992

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GENERATOR ANNUAL HAZARDOUS WASTE REPORT (cont.)

For the calendar year ending December 31, 1992

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GENERATOR ANNUAL HAZARDOUS WASTE REPORT (cont.)

For the calendar year ending December 31, 1992

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GENERATOR ANNUAL HAZARDOUS WASTE REPORT (cont.)

For the calendar year ending December 31, 1992

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Republic Steel Corporation Mahoning Valley District 1040 Pine Avenue SE Warren OH 44481

October 7, 1983

Mr. David N. Wertz
Division of Hazardous Materials Management
Northeast District Office
Ohio E.P.A.
2110 East Aurora Road
Twinsburg, Ohio 44087

Dear Mr. Wertz:

Subject: Hazardous Waste Inspection

Warren Plant

This letter is in response to the violations and/or concerns noted during your inspection of August 2, 1983.

- 1. A response on the classification of the waste acid and galvanize baghouse dust mixture will be forthcoming from Republic's corporate office to you by October 7, 1983.
- 2. The inspection of the acid sumps at the galvanize area and at the Pecor site are being checked daily and logged. A copy of the inspection logs is attached.
- The loading and unloading areas at the Pecor site and waste acid sump are inspected and logged when used. A copy of the inspection log is attached.
- 4. A weekly inspection of the coke tar decanter trailer is made and logged. A copy of the inspection log is attached.
- 5. Identification of the tar decanter sludge accumulation boxes has been marked "Hazardous Waste". These boxes are normally dumped everyday or at least every other day. Per our telephone conversation of September 23, 1983, it was mutually agreed that it would not be necessary to mark the date accumulation begins because of the frequency that these containers are dumped.
- 6. A copy of the Contingency plan was mailed to the Howland Township and Warren Township Fire Departments on September 26, 1983. These fire departments provide emergency services to the Warren Plant. Copies of the letters are attached.



7. A corporate response will be submitted to you by October 7, 1983 regarding the familiarization by local emergency authorities of the facility's layout and hazards.

Sincerely,

Thomas J. Kachur, Manager Environmental Control

Mahoning Valley District

TJK:mmc Enclosure

CC: DM GUBANC



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION V

EASTERN DISTRICT OFFICE 25089 CENTER RIDGE ROAD WESTLAKE, OHIO 44145

September 30, 1993

MEMORANDUM

SUBJECT: Toxics Sampling Inspection - WCI Steel, Inc., Warren,

Ohio (OHO10179, AFE108:IH)

FROM: Mark E. Conti, Environmental Engineer

THRU: A. R. Winklhofer, Chief

Eastern District Office (SE-W)

TO: Water Compliance Section (WC-15J)

ATTN: Michael Mikulka, Chief

On May 12, 1993, Larry Lins and I conducted a toxics sampling inspection at WCI Steel, Inc. (1040 Pine Avenue, S.E., Warren, Ohio 44483-6528). On June 15, 1993, I collected additional samples to support initial findings. The sampling inspection was requested by the Water Division and was done as part of a multimedia investigation at the facility.

The attached report summarizes inspection findings and sample results. If you have any questions regarding this report, please call me at 216/522-7260.

Attachments.



U.S. ENVIRONMENTAL PROTECTION AGENCY REGION 5 ENVIRONMENTAL SCIENCES DIVISION EASTERN DISTRICT OFFICE

TOXICS SAMPLING INSPECTION REPORT

I. PERMITTEE IDENTIFICATION

A. Facility Name and Address

WCI Steel, Inc. 1040 Pine Avenue SE Warren, Ohio 44483-6528

B. Responsible Official

Thomas O. Shepker, Manager-Environmental Control Telephone Number: (216)841-8200

C. NPDES Permit

NPDES Permit Number: OH0101079
Effective Date: April 30, 1990
Modification Date: January 19, 1993
Expiration Date: April 27, 1995

D. Receiving Stream

Mahoning River

II. DATES OF INSPECTION

May 12 and June 15, 1993

III. PARTICIPANTS

A. <u>Facility</u>

Thomas O Shepker, Manager - Environmental Control Richard J. Gradishar, Environmental Engineer Environmental Control

B. American Analaytical Laboratories, Inc.

Robert E. Shepard, Field Sampling Coordinator

C. <u>U.S. Environmental Protection Agency</u> - EDO

Mark E. Conti, Environmental Engineer

IV. OBJECTIVE

The objectives of the inspection were to 1) determine whether the facility was complying with effluent limitations and other permit conditions (2) check for ammonia contamination in storm water runoff in the slag quench area, and (3) determine the pollutants present in Pond No. 6A.

V. INTRODUCTION

Areas evaluated during the inspection were the NPDES permit, facility operating status, flow measurement, visual appearance of effluent and receiving waters, and self-monitoring program. Samples were also collected and analayzed.

VI. SUMMARY OF FINDINGS

A. U.S. EPA Sampling Method and Results

Samples were collected at several outfalls and internal points within the facility. The locations sampled and analyses performed on the samples are listed in Table 1. Table 1 also includes notes clarifying what was sampled. Figure 1 (Attachment No. 1) shows the sample locations on a plant map.

All samples were collected as grabs. Temperature and pH were measured in the field. Samples held for subsequent analyses were preserved and iced. Oil and grease and ammonia (NH3-N) analyses were done at the Eastern District Office laboratory. Analyses for ICP metals, volatile organic compounds, and semivolatile organic compounds were conducted by the Central Regional Laboratory.

Sample results are summarized as follows:

Table	2		Temperature and pH
Table	3		Oil and Grease
Table	4	-	Ammonia (NH ₃ -N)
Table	5	-	ICP Metals
Table	6		Volatile Organic Compounds
Table	7	·	Semivolatile Organic Compounds

The data tables are in Attachment No. 2.

TABLE 1
SUMMARY OF SAMPLING CONDUCTED AT WCI STEEL, INCORPORATED

SAMPLE LOCATION	DATE SAMPLED	ANALYSIS AND/OR MEASUREMENT
Outfall 002	5/12/93	temp., pH, O&G
Outfall 006	5/12/93	temp., pH
Outfall 007	5/12/93	temp., pH, O&G
Outfall 010	5/12/93	temp., pH
Pond No. 6A	5/12/93	temp., pH, O&G, NH ₃ -N, ICP metals
Slag Quench Alley	5/12/93	temp., pH, NH ₃ -N
Pond No. 6A	6/15/93	temp., pH
No. 6 Pickler Discharge into 36-inch Collection Box	6/15/93	temp., pH, ICP metals
36-inch Collection Box	6/15/93	temp., pH, ICP metals
CTP Influent	6/15/93	temp., pH, ICP metals

NOTES:

- Pond No. 6A Pond between Pond No. 6 and Mahoning River. Excavated to collect seepage and leachate from Pond No. 6 into Mahoning River. A well mixed sample was obtained from the sump pumping water from Pond No. 6A up to Pond No. 6.
- Slag Quench Alley Rectangular, brick-lined ditch about 25-inches wide that carries stormwater runoff from the slag quenching area to neighboring LTV Coke.
- 3. No. 6 Pickler Pickle rinsewater and cooling water are discharged into a 36-inch collection box via three pipes. Sample was collected from one of three pipes.
- 4. Thirty-six inch Collection Box Combined wastestreams from pickling area (see Photograph No. 18) flow by gravity to Pond No. 5. Sample collected from box while one pump from pickler was running and pump from pickler scale pit was running.
- CTP Influent Central treatment plant influent. Pumped across river from Pond No. 6. Sample collected in influent box (see Photograph No. 26).

B. Permit

The facility has a current NPDES permit (OH0101079). Attachment No. 3 is a copy of the modified permit.

The monitoring requirement for tetrachloroethylene at Outfall 002 is a 24-hour composite. A representative volatile organic sample can only be collected as a grab sample. The use of automatic sampling equipment may cause the loss of volatile organics to the surrounding air.

C. Facility Site Review

I observed the following during my May 12, 1993, inspection:

- 1. There were two booms set up at Outfall 002 to collect oil. The facility's sampler noticed a sheen at the outfall, while sampling on April 29, 1993. WCI Steel sent a letter to the Ohio EPA on April 30, 1993, explaining the problem. A copy of the letter is in Attachment No. 4. At the time of the inspection, the booms were not completely effective at removing the oil. A sheen was noted on the river due to the discharge.
- Oil skimming in the 56-inch hot strip mill recirculating reservoir was not completely effective. The recirculating reservoir ultimately discharges via Outfall 007. There was a slight sheen noted at the There was a "pig" boom placed across the kidney shaped reservoir about two-thirds of the way around it. A plastic boom was set up beyond that. Oil trapped between the booms is removed with a rope skimmer. There was oil on the surface of the reservoir beyond the plastic boom.
- 3. There was a slight amount of white foam at Outfall 013. Mr. Gradisher said it was due to a malfunction at the central treatment plant. The problem was caused by a broken anti-foaming agent, rapid-mix, motor
- 4. The clarifier weirs in the central treatment plant were partially clogged. I estimated that 5 10 percent of the weirs were short-circuiting. The clarifier overflow had excellent clarity.

- 5. There was flow in the slag quench alley. The water was light green and slightly turbid. According to Mr. Gradishar, the ditch does not normally have flow. He said it was dry about one and one-half weeks ago. He also said that when the facility conducted a 90-day study, the ditch only flowed during rain events. During those times, the ammonia concentration was about 5 mg/L.
- 6. The sketch in Figure 2 (Attachment No. 5) depicts the state of the ponds during the inspection. Pond No. 6A is shown in Photograph No. 17. The south ditch is shown in Photograph No. 16. The underflow drain that connects the south ditch and Pond No. 6A is shown in Photograph No. 15. Photograph No. 13 and 14 show oil that was seeping into the river. Photographs No. 10, 11, and 12 show the boom placed across the river to capture the oil.

On April 18, 1993, WCI Steel began an excavation project to ensure capture of seepage from Pond No. 6. The plan was to excavate Pond No. 6A below the elevation of the Mahoning River. By pumping water from Pond No. 6A to Pond No. 6, WCI Steel hoped that water would migrate from the river to Pond No. 6A. Two sumps rated at 50 gpm were placed into Pond No. 6A. According to Mr. Gradishar, one sump runs almost continuously. During the time I was at the pond, one pump ran non-stop and the other ran for a total of about one minute. This appeared to cause the desired effect. I noted water percolating into Pond No. 6A, from the river.

On the other hand, water was seeping into the river from the area of the south ditch. Mr. Gradishar said that the south ditch was dug about two and one-half weeks ago (about April 25, 1993). He also said that due to the layout of the area, the excavation crew could not dig the ditch deep enough to have the river percolate into it.

Pond No. 6A is vacuumed about once each day. The area behind the boom in the river is vacuumed about twice each day.

I observed the following during my June 15, 1993, inspection:

7. I did not see any sheens at Outfall 002.

- 8. I did not see any sheens at Outfall 007.
- 9. Pond No. 6A and the south ditch were much larger and deeper during this inspection. Pond No. 6A is shown in Photograph No. 21. The south ditch is shown in Photograph No. 23.

Both 50 gpm sumps were operating continuously. The discharge from Pond No. 6A to Pond No. 6 is shown in Photographs No. 19 and No. 20.

The river appeared to have spilled over its banks recently. Mr. Gradisher said it almost did, but he was able to keep ahead of it with the pumps. The bank between the river and Pond No. 6A is shown in Photograph No. 22. The boom across the river tore loose. It is shown in Photographs No. 24 and No. 25. I did not see any sheens on the river in the pond area.

Mr. Gradishar said that the south ditch was being pressure-grouted with cement to a depth of 15-20 feet. A chemical cement may be used next. The facility is also going to install a pump rated at 1,000 gpm into Pond No. 6A.

D. Flow Measurement

During the May 12, 1993, inspection, I evaluated the facility's flow measurement. My findings are summarized in Table 8. There may be a problem with flow measurement at Outfall 011. When I checked the head in the Parshall flume, it was about 6.5-inches (0.54 feet). The flow sensor at the site was reading 0.65 feet. The flow sensor reading gives a flow rate about 30 percent greater than what I measured.

E. Effluent/Receiving Waters

During the May 12, 1993, inspection, I made visual observations of the outfalls and receiving waters. My findings are summarized in Table 9.

G. <u>Self-Monitoring Program</u>

Samples are collected and analyzed by American Analytical Laboratories, Inc. Grab samples are collected manually. Composite samples are collected automatically. ISCO Model 3710 FR automatic samples are located at Outfalls 002, 003,

TABLE 8 EVALUATION OF WCI STEEL, INC'S FLOW MEASUREMENT

	MONITORING	MARKING AR HELGIRETING AR BORTHARDS AND AL	
	REQUIREMENTS	METHOD OF MEASURING OR ESTIMATING FLOW	COMMENTS
	24-hr. total (estimated)	Head measurement in 2-ft wide x 4-ft long wooden weir box.	Flow is estimated. Flow not uniform across box. Would provide rough estimate at best. (See Photo 4).
	24-hr. total (estimated)	Manning equation with round pipe.	Flow is estimated.
	24-hr. total (estimated)	None.	Outfall welded shut.
	24-hr. total (estimated)	Manning equation with round pipe.	Flow is estimated.
	24-hr. total (estimated)	Manning equation with round pipe.	Flow is estimated.
008	24-hour total	6-ft. suppressed rectangular weir located in pipe about 100 yds upstream of discharge. Head measured sonically with ISCO ultrasonic Model 3210. Instrument gives instantaneous flow rate and totalizes flow.	Conversion was accurate at 0948 EDT, 5-12-93. Mead was 0.70 ft. and flow was about 5300 gpm.
009	24-hour total	2-ft rectangular weir with end contractions. Head measured sonically. Total flow recorded on real time basis.	
010	24-hour total	9-in. Parshall flume. Head measured sonically with ISCO ultrasonic Model 13210. Instrument gives instantaneous flow rate and totalizes flow.	Head measurement is accurate. At 1047 EDT, 5-12-93, ISCO readout was 0.522 ft. At 1053 EDT, I measured the head to be 6.5 in. (0.54 ft). ISCO's head to flow rate conversion was accurate. At 1047 EDT, 5-12-93, head was 0.522 ft. and flow was about 509 gpm.
011	24-hour total	9-inch Parshall flume. Sonic head measured sonically with ISCO ultrasonic Model 3210. Instrument gives instantaneous flow rate and totalizes flow.	
012	24-hr. total (estimated)	Did not determine.	Flow is estimated.
013	24-hr. total (estimated)	Estimate of blast furance non-contact cooling water	Flow is estimated.
015	++	N/A	Flow measurement not required.
016		N/A	Flow measurement not required.
017	24-hr. total (estimated)	Manning equation with round pipe.	Flow is estimated.
018		N/A	Flow measurement not required.
601	24-hour total	N/A	100 % recycle at time of inspection.
602	24-hour total	90° V-notch weir. Sonic head measurement in stilling box. Instantaneous readout and daily printout of totalized flow.	Not inspected.
603	24-hour total	12-in. Parshall flume. Sonic head measurement. Instantaneous flow and counter-type totalizer	Not inspected.
606	24-hour total	Not inspected. Sensor on top of sewer detects overflowing water.	Not inspected.
608	24-hr. total (estimated)	Not inspected.	Not inspected.

TABLE 9

VISUAL OBSERVATIONS OF EFFLUENT/RECEIVING WATERS

DURING MAY 12, 1993

INSPECTION AT WCI STEEL, INC.

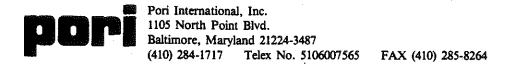
OUTFALL	OBSERVATION
002	Effluent had an oil sheen. There was some scum accumulated behind first boom. Sheen, scum, and boom are shown in Photograph No. 1. Oil sheen entered Mahoning River. The second boom is shown in Photograph No. 3.
003	Appearance was satisfactory
004	No flow. Outfall welded shut
006	Appearance was satisfactory
007	Effluent and receiving water had an oil sheen. Sheen not visible in photograph.
008	Appearance was satisfactory
009	No flow. Outfall cemented shut.
010	Appearance was satisfactory
011	Appearance was satisfactory
012	Appearance was satisfactory
013	Discharge created white foam, which extended about 40 feet beyond discharge pipe.
015	Not observed
016	Not observed.
017	Appearance was satisfactory.
018	No flow

013, 602, 603, and 608, and Station 804. The samplers have self-contained refrigeration units. An older ISCO automatic sampler is used at Outfall 603. These samplers are collected and cooled in a Hot Point mini-refrigerator. Automatic samplers are set to collect 350 mL aliquots every hour for 24 hours.

During the May 12, 1993, inspection, Mr. Lins and I watched Mr. Shepard of American Analytical Laboratories, Inc. collect samples.Mr. Shepard collected samples at Outfalls 007, 008, 010, 011, 013, 602, 603, and 608. He also collected samples at Station 804. The sample containers and preservation methods he used met the requirements of 40 CFR 136.3. The tetrachloroethylene sample collected at Outfall 602 was composited as required by the permit. As noted in Part VI. B of this report, volatile organics should not be composited.

LIST OF ATTACHMENTS

ATTACHMENT NO.	DESCRIPTION
1	FIGURE 1 - SAMPLE LOCATIONS
2	DATA TABLES 2 - 7
3	WCI STEEL'S NPDES PERMIT
4	WCI STEEL'S APRIL 30, 1993, LETTER TO THE OHIO EPA
5	FIGURE 2- SKETCH OF PONDS
6	LABORATORY RESULTS FOR VOLATILE ORGANIC COMPOUNDS
7	LABORATORY RESULTS FOR SEMIVOLATILE ORGANIC COMPOUNDS
8	PHOTOGRAPHS
9	EPA FORM 3560-3



August 23, 1993

WCI Steel, Inc.
1040 Pine Avenue, S.E.
Warren, OH 44483-0528
Attn: Mr. Thomas O. Shepker
Manager - Environmental Control

Dear Mr. Shepker:

Thanks for visiting the PORI Wastewater Treatment Plant at Weirton Steel on August 13, 1993.

You inquired about our wastewater flows and generation of filter cake.

Our oily water flow to the plant is a nominal 700 gpm. From the treatment of the oily sludge and the DAF float, we generate about one dumpster box containing about 15 tons of filter cake every two days. This equates to about 0.002 lb. filter cake/lb. oily water treated.

The acid rinse water from the picklers and scrubber water is a nominal 500 gpm. We generate about 20 tons of filter cake each day.

Both filter cakes are currently disposed of at a non-hazardous landfill by Weirton Steel.

We built other similar plants for Stelco in Canada and for Youngstown Sheet and Tube in Youngstown, Ohio. The facility at Stelco is owned and operated by Stelco. The facility for Youngstown Sheet and Tube still exists but it is idle.

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